

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

001

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML-10755	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT	
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY, L.P.		9. WELL NAME and NUMBER: NBU 1021-16G	
3. ADDRESS OF OPERATOR: P.O. BOX 1148 CITY VERNAL STATE UT ZIP 84078		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2565' FNL, 2470' FEL AT PROPOSED PRODUCING ZONE:		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 16 10S 21E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 15.7 MILES SOUTHEAST OF OURAY, UT		12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1865	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) REFER TO TOPO C	19. PROPOSED DEPTH: 9,200	20. BOND DESCRIPTION: RLB0005236	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5171.2' GL	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION: 10 DAYS	

24. PROPOSED CASING AND CEMENTING PROGRAM							
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12 1/4	9 5/8	H-40	32.3#	2,000	415 SX 65/35	LEAD	
					215 SX PREM	TAIL	
7 7/8	4 1/2	M-80	11.6#	9,200	250 SX PREM LITE II	LEAD	
					1470 SX 50/50 POZ	TAIL	

RECEIVED

JUL 25 2003

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) CHERYL CAMERON TITLE SR. REGULATORY ANALYST
SIGNATURE *Cheryl Cameron* DATE 7/24/2003

(This space for State use only)

API NUMBER ASSIGNED: 48-047-3511

APPROVAL:

**Approved by the
Utah Division of
Oil, Gas and Mining**
Date 08-18-03
By: *[Signature]*

T10S, R21E, S.L.B.&M.

WESTPORT OIL AND GAS COMPANY, L.P.

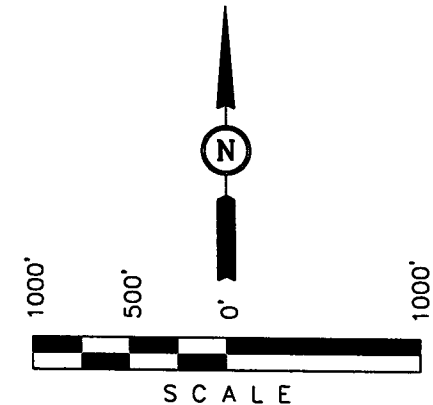
Well location, NBU #1021-16G, located as shown in the SW 1/4 NE 1/4 of Section 16, T10S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



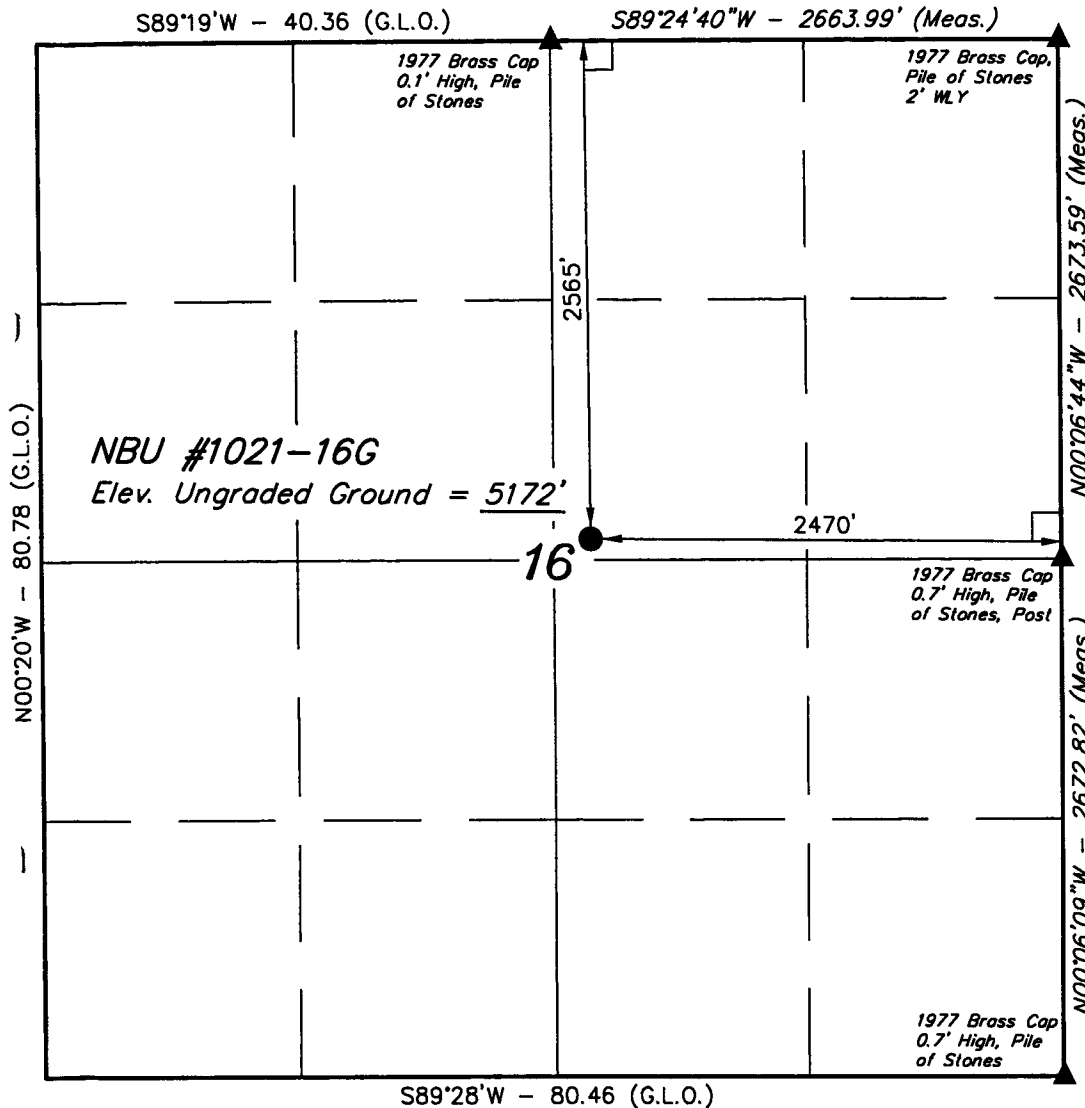
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 06-06-03	DATE DRAWN: 06-26-03
PARTY G.O. M.P. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE	WESTPORT OIL AND GAS COMPANY, L.P.



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 39°56'53.65" (39.948236)
LONGITUDE = 109°33'22.30" (109.556194)

**NBU 1021-16G
SWNE Sec. 16, T10S, R21E
UINTAH COUNTY, UTAH
ML-10755**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Geologic Surface Formation:

<u>Formation</u>	<u>Depth</u>
Uinta	0' – Surface
Green River	1245'
Wasatch	4462'
Mesaverde	7270'

2. Estimated Tops/Depths of Important Geologic Markers/Anticipated Gas:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1245'
Gas	Wasatch	4462'
Gas	Mesaverde	7270'
	TD	9200'

3. Pressure Control Equipment (Schematic Attached)

The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11' drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.

The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.

The hydrill will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 3,000 psi.

4. Proposed Casing & Cementing Program:

The Surface casing and the Production casing will be new.

Please refer to the attached Casing & Cementing Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Fluids Program

6. **Evaluation Program:** (Logging)

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated @ 9200' TD approximately equals 3,680 psi (calculated at 0.4 psi/foot). Maximum anticipated surface pressure equals approximately 1,656 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

None anticipated.

10. **Other:**

A Class III Archaeological Study Report shall be submitted, as soon as it becomes available.



Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	16"	0-20'				2270	1370	254000
SURFACE	9-5/8"	0 to 2000	32.30	H-40	STC	0.82*****	1.32	4.49
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 9200	11.60	M-80	LTC	2.82	1.33	2.16

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (.22 psi/ft-partial evac gradient x TVD of next csg point)

3) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumption: Max Pore Press @ Int shoe, TD@shoe=9.0 ppg, 12.0 ppg EMW)

.22 psi/ft = grad for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 2760 psi

***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL		DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	1500		65/35 Poz + 6% Gel + 10 pps gilsonite + 0.25 pps flocele + 3% salt	415	35%	12.60	1.81
	TAIL	500		Premium cmt + 2% CaCl + .25 pps flocele	215	35%	15.60	1.18
	TOP OUT CEMENT	as required		Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	2,260'		Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	250	60%	11.00	3.38
	TAIL	5,240'		50/50 Poz/G + 10% salt + 2% gel	1470	60%	14.30	1.31

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER:

Brad Laney

DATE:

DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

**NBU 1021-16G
SWNE SEC. 16, T10S, R21E
UINTAH COUNTY, UTAH
ML-10755**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

Improvements to existing access roads shall be determined at the on-site inspection.

2. Planned Access Roads:

200' +/- of access road is proposed. Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely, ***unless modified during the on-site inspection.***

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

Existence of pipelines, maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth-tone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2) *as determined during the on-site inspection.*

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo Map D for the proposed pipeline .

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit

will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

If it is determined that a liner is to be used during the on-site inspection, a plastic reinforced liner shall be used. It will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Contractors should take caution to direct blast in the pit around edges of ledge to avoid fracturing rock.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec.35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). ***This section is subject to modification as a result of the on-site inspection.***

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire.

Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

State of Utah
SITLA
675 East 500 South, Suite 500
Salt Lake City, Utah 84102
(801) 538-5151

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

This location is not within 460 feet from the boundary of the Natural Buttes Unit, nor is it 460 feet of any non-committed tract lying within the boundaries of the unit.

13. Lessee's or Operator's Representative & Certification:

Cheryl Cameron
Sr. Regulatory Analyst
Westport Oil & Gas Co., L.P.
P.O. Box 1148
Vernal, UT 84078
(435) 781-7023

Randy Bayne
Drilling Manager
Westport Oil & Gas Co., L.P.
PO. Box 1148
Vernal, UT 84078
(435) 781- 7018


Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport Oil & Gas Company, L.P. is considered to be the operator of the subject well. Westport Oil & Gas Company, L.P. agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by State Surety Bond No. RLB0005236.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Cheryl Cameron

7/24/03

Date

WESTPORT OIL & GAS COMPANY, L.P.
NBU #1021-16G
SECTION 16, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ALONG THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 200' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 46.7 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

TYPICAL CROSS SECTIONS FOR

NBU #1021-16G

SECTION 16, T10S, R21E, S.L.B.&M.

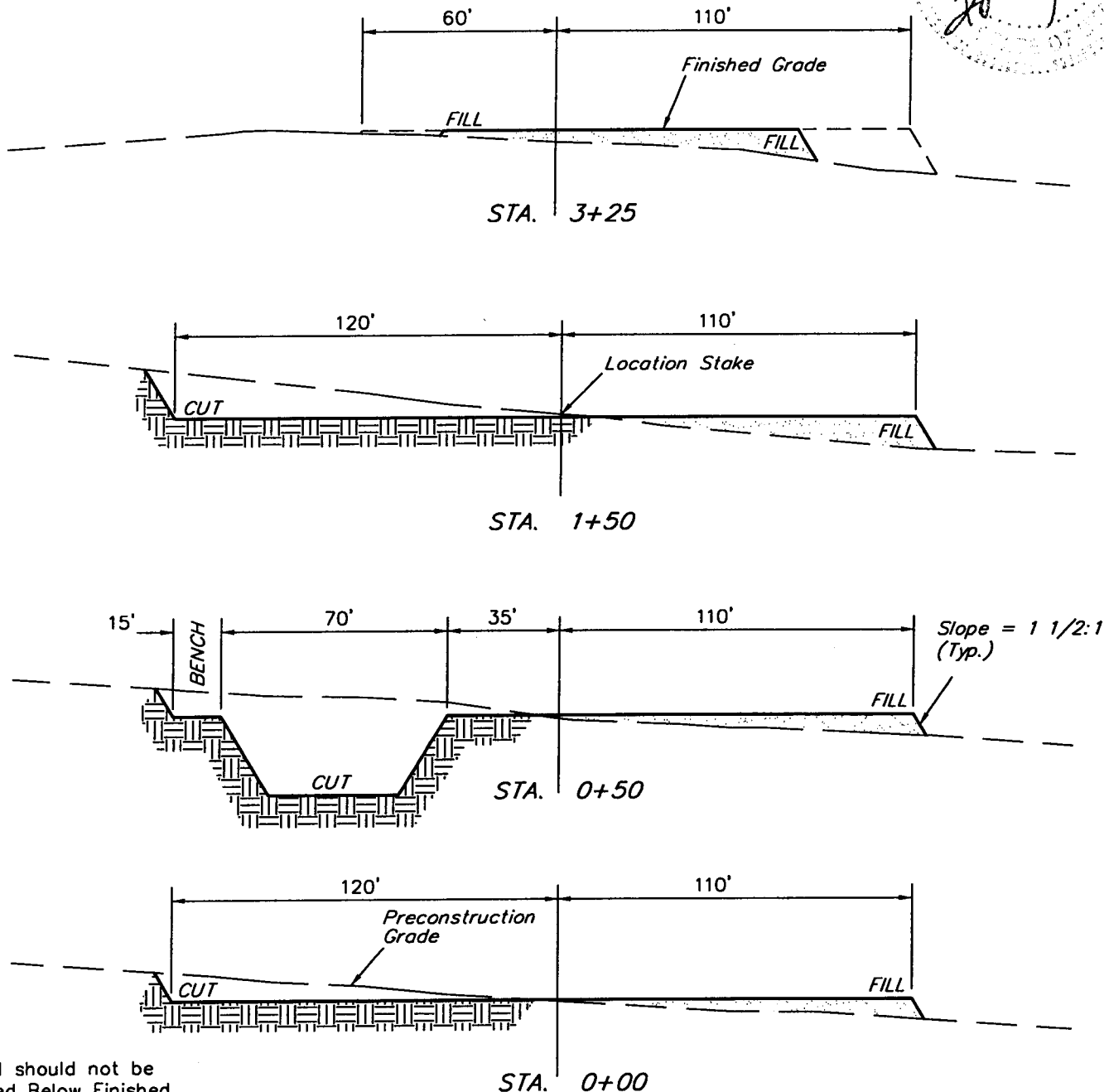
2565' FNL 2470' FEL

FIGURE #2

1" = 20'
X-Section
Scale
1" = 50'

DATE: 06-26-03

Drawn By: D.COX



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

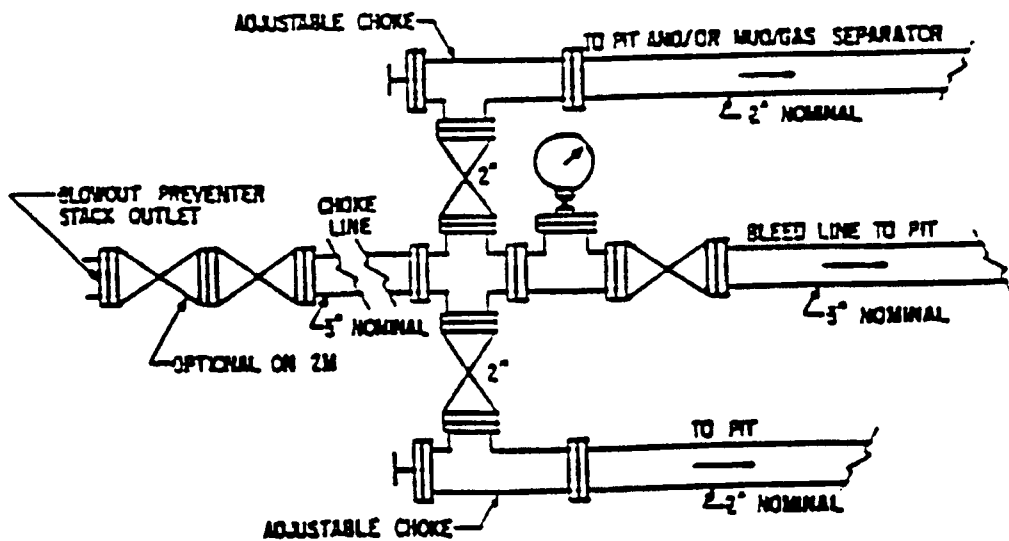
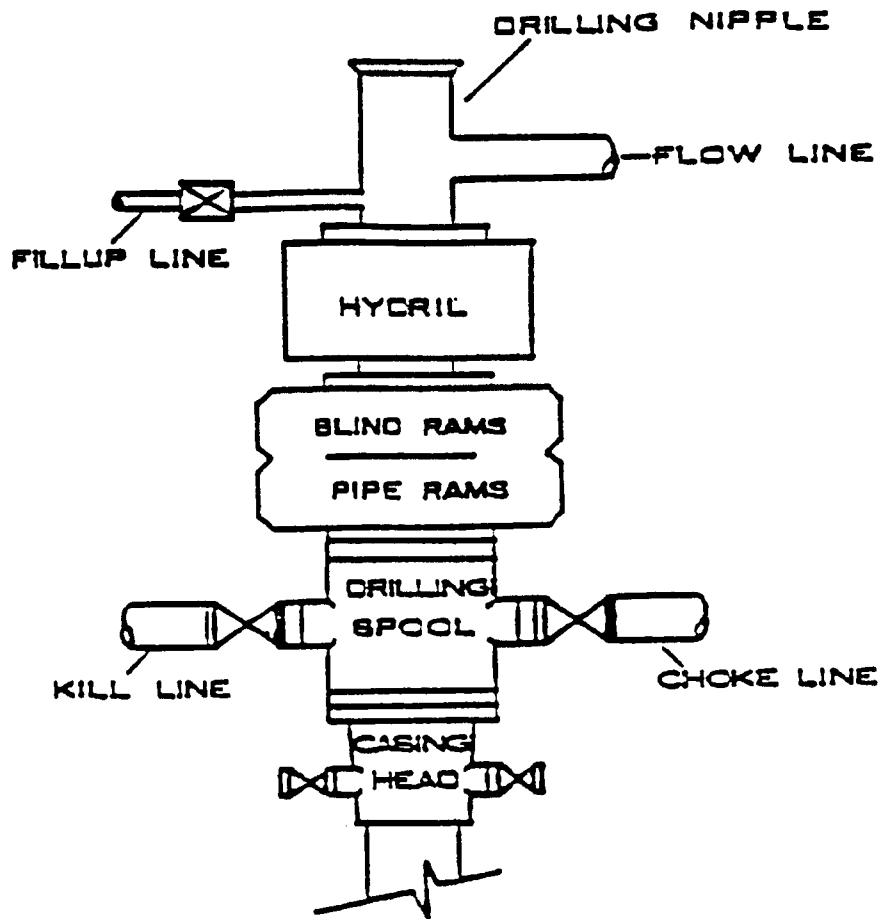
APPROXIMATE YARDAGES

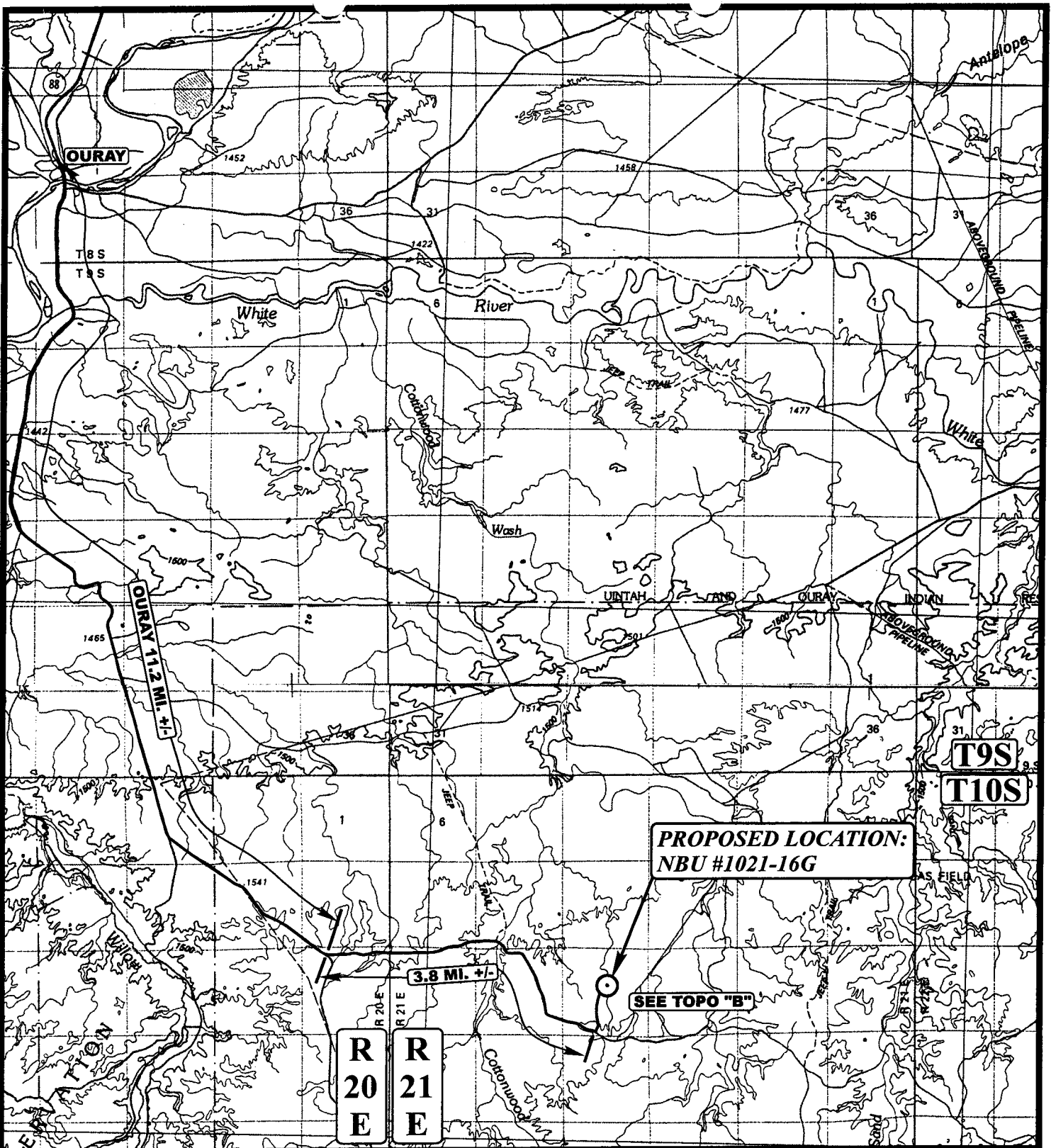
CUT	
(6") Topsoil Stripping	= 1,210 Cu. Yds.
Remaining Location	= 4,750 Cu. Yds.
TOTAL CUT	= 5,960 CU.YDS.
FILL	= 3,290 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,500 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,500 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

3,000 PSI

EOP STACK





LEGEND:

○ PROPOSED LOCATION

WESTPORT OIL & GAS COMPANY, L.P.

NBU #1021-16G

SECTION 16, T10S, R21E, S.L.B.&M.

2565' FNL 2470' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

6 26 03
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: K.G. REVISED: 00-00-00

A
TOPO

WESTPORT OIL & GAS COMPANY, L.P.

NBU #1021-16G

LOCATED IN UINTAH COUNTY, UTAH
SECTION 16, T10S, R21E, S.L.B.&M.

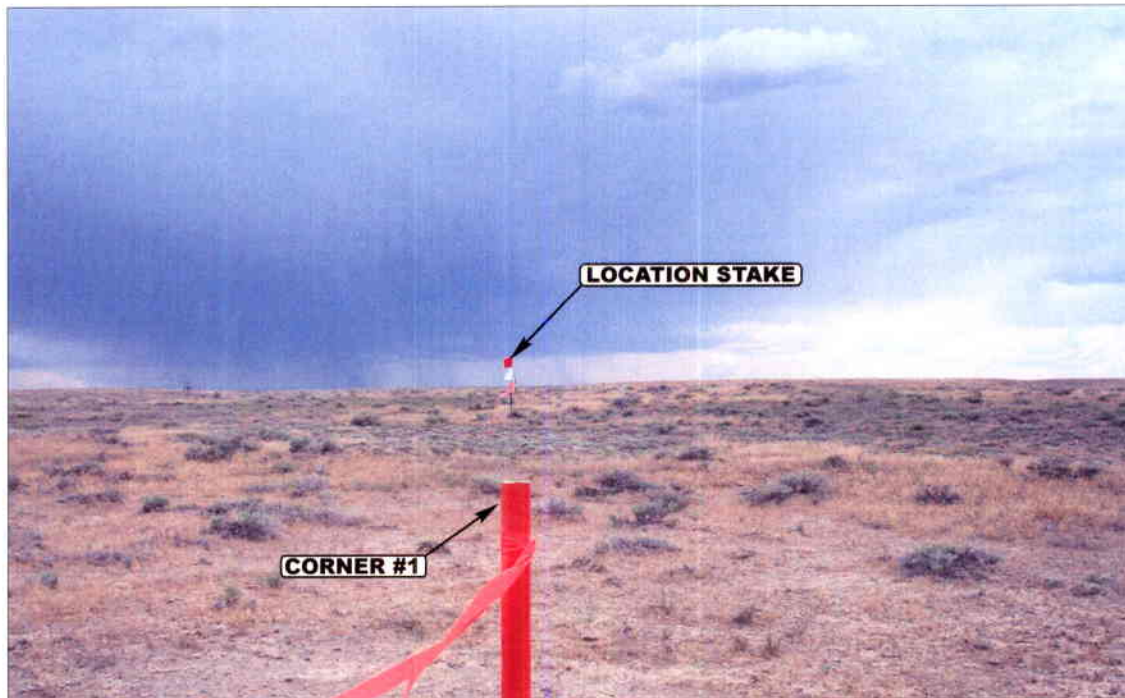


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

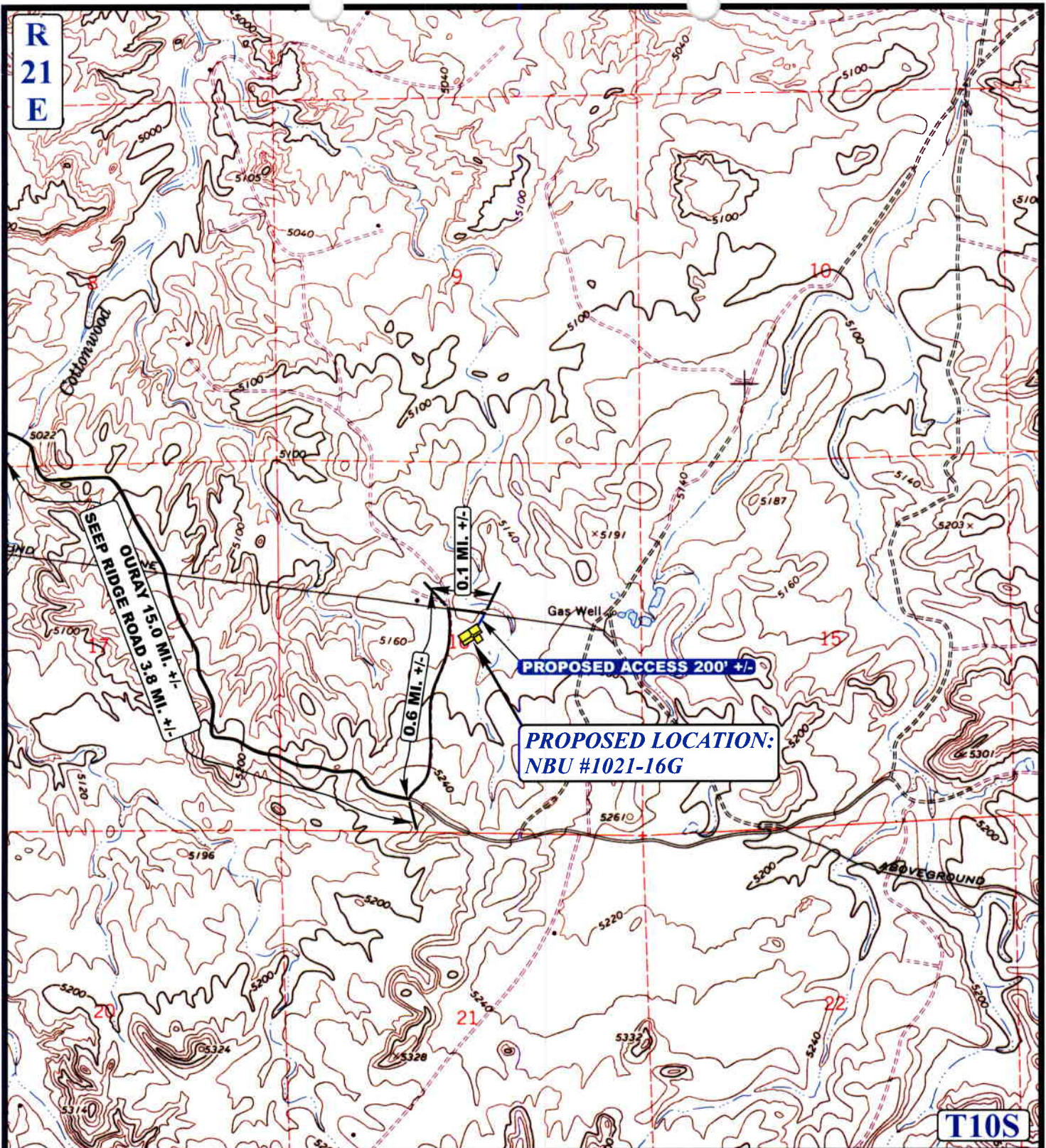
6 10 03
MONTH DAY YEAR

PHOTO

TAKEN BY: G.O.

DRAWN BY: K.G.

REVISED: 00-00-00



LEGEND:

--- PROPOSED ACCESS ROAD
--- EXISTING ROAD

WESTPORT OIL & GAS COMPANY, L.P.

NBU #1021-16G
SECTION 16, T10S, R21E, S.L.B.&M.
2565' FNL 2470' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



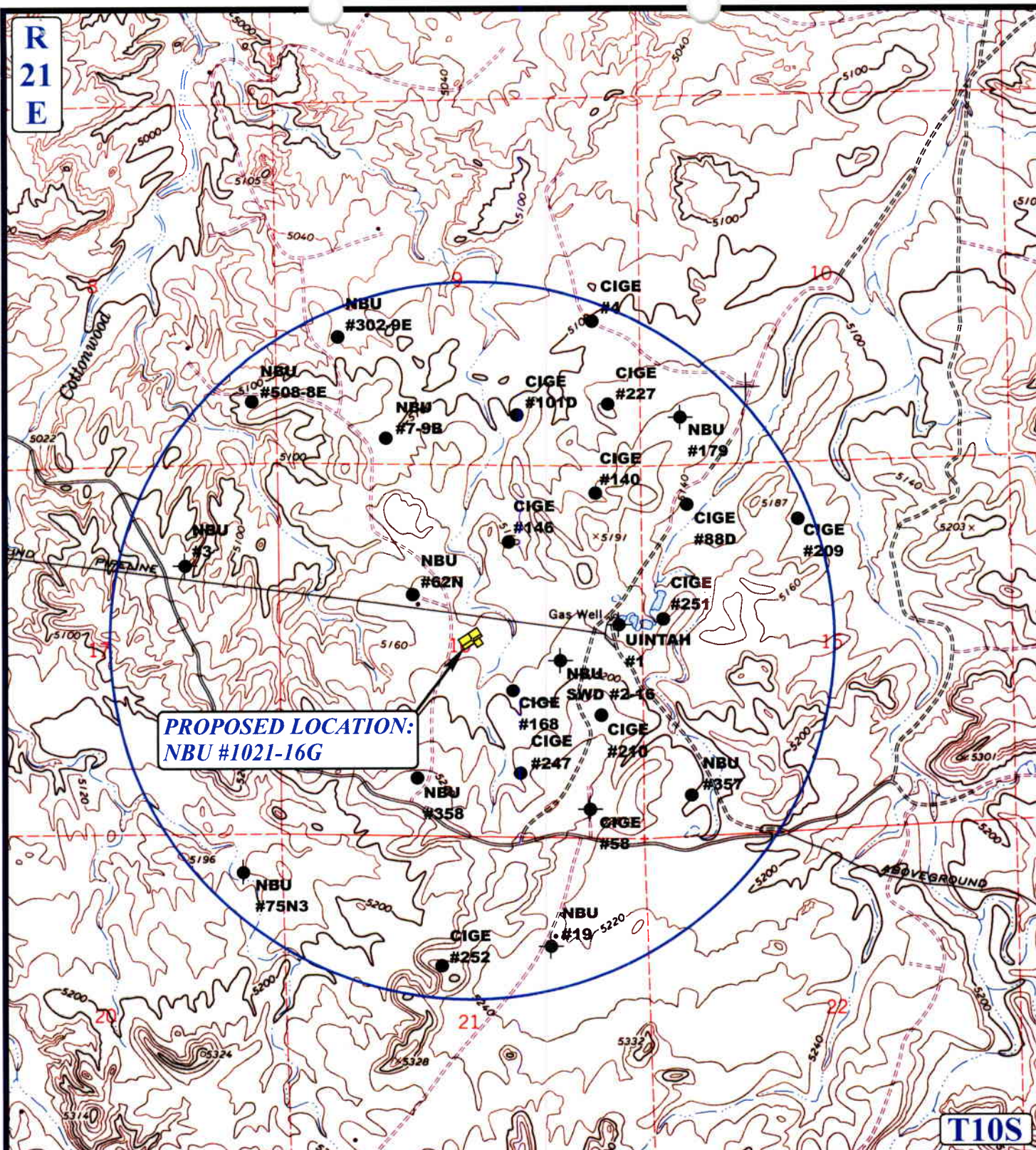
TOPOGRAPHIC
MAP

6 **26** **03**
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00

B
TOPO

R
21
E



T10S

LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

WESTPORT OIL & GAS COMPANY, L.P.

NBU #1021-16G
SECTION 16, T10S, R21E, S.L.B.&M.
2565' FNL 2470' FEL



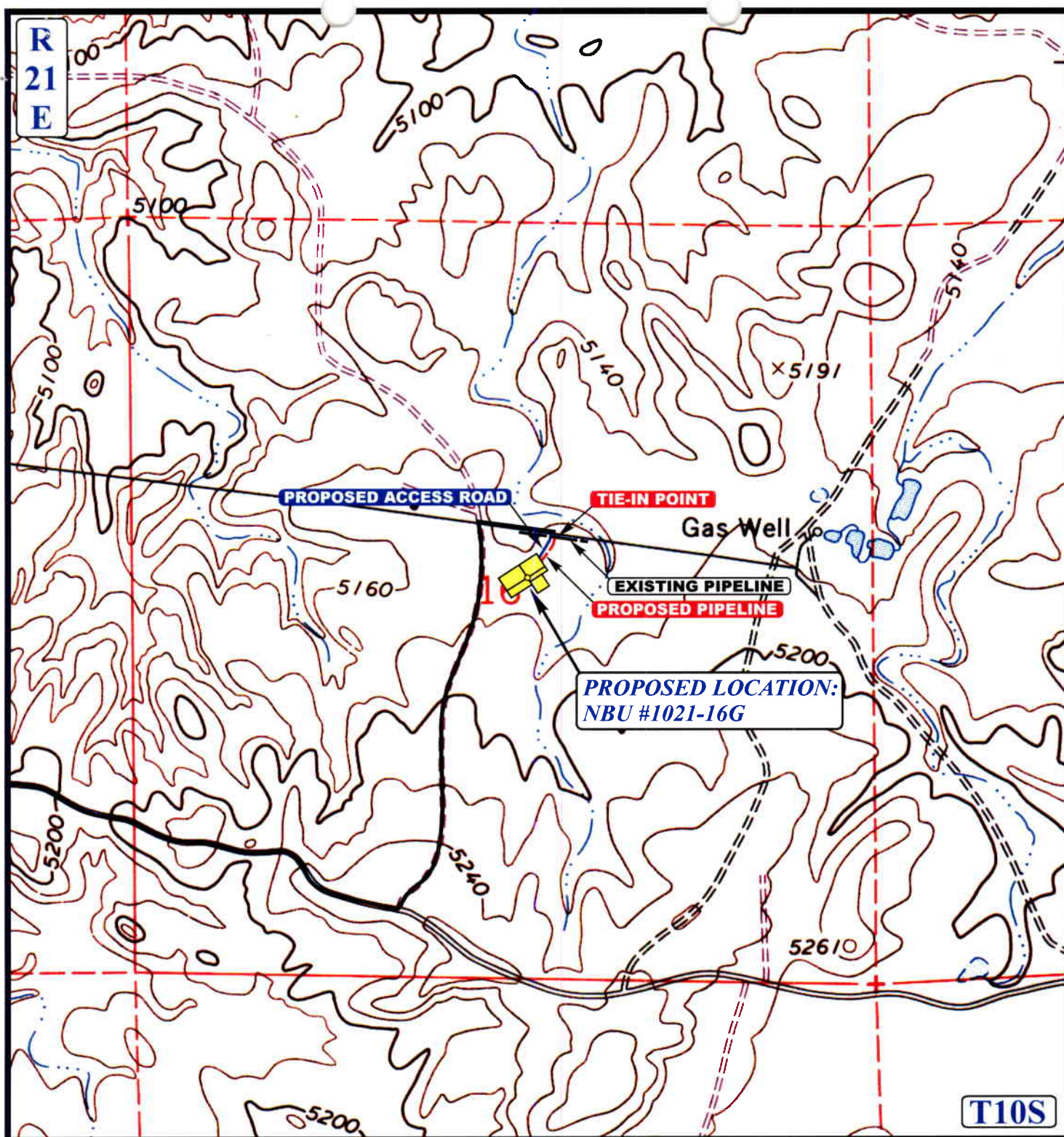
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

6 26 03
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 300' +/-

LEGEND:

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS

WESTPORT OIL & GAS COMPANY, L.P.

NBU #1021-16G
SECTION 16, T10S, R21E, S.L.B.&M.
2565' FNL 2470' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



**TOPOGRAPHIC
MAP**

6 26 03
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: K.G. REVISED: 00-00-00

**D
TOPO**

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

003

APD RECEIVED: 07/25/2003

API NO. ASSIGNED: 43-047-35111

WELL NAME: NBU 1021-16G

OPERATOR: WESTPORT OIL & GAS CO (N2115)

CONTACT: CHERYL CAMERON

PHONE NUMBER: 435-781-7023

PROPOSED LOCATION:

SWNE 16 100S 210E

SURFACE: 2565 FNL 2470 FEL

BOTTOM: 2565 FNL 2470 FEL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-10755

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	8/14/03
Geology		
Surface		

LATITUDE: 39.94816

LONGITUDE: 109.55606

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[3] Fee[]
(No. RLB0005236)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

____ R649-2-3.

Unit NATURAL BUTTES

____ R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

____ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 173-14

Eff Date: 12-2-1999

Siting: 460' fr a boundary & uncomm tract

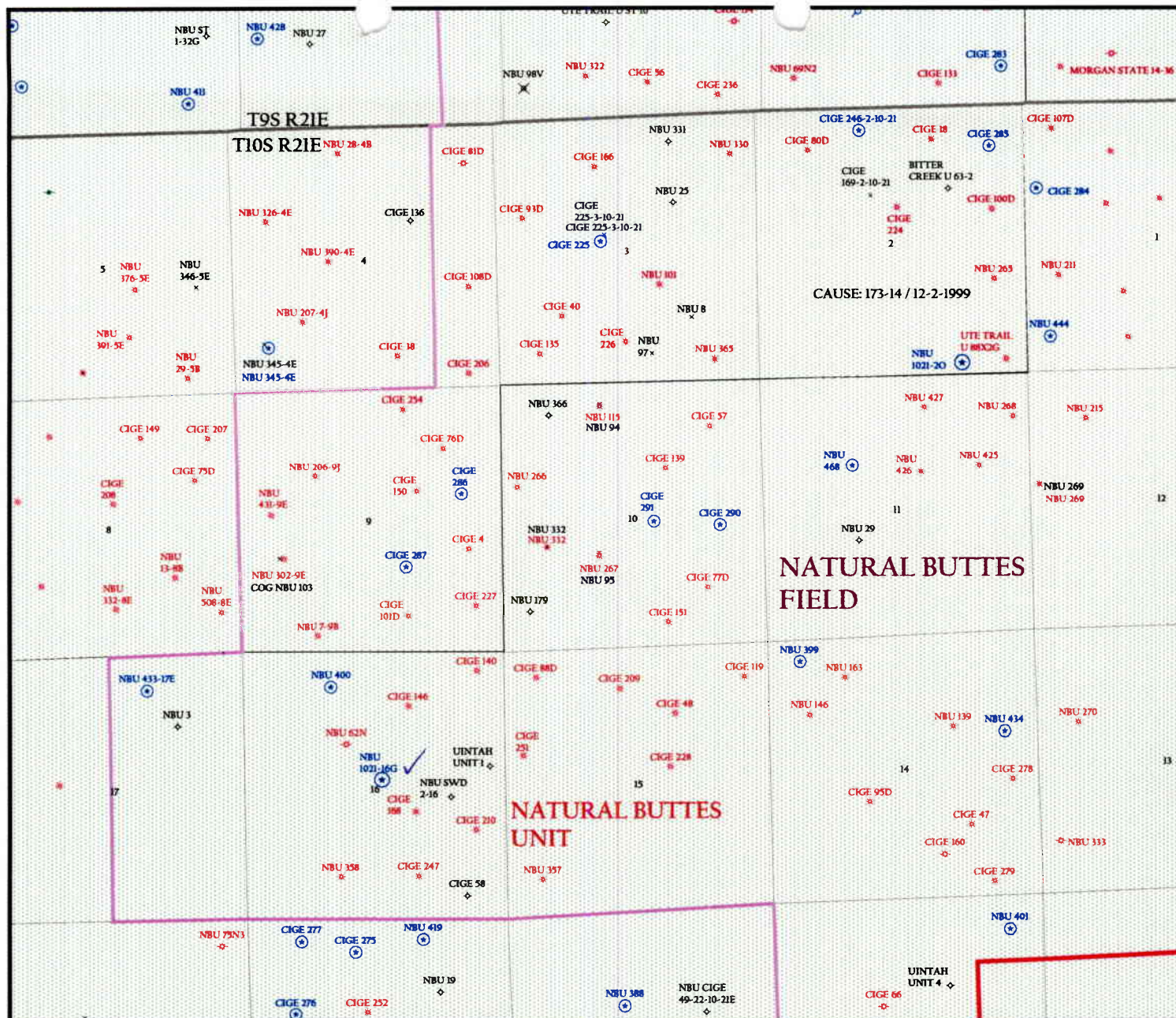
____ R649-3-11. Directional Drill

COMMENTS:

Needs Permit (08-07-03)

STIPULATIONS:

- ① Oil Shale
- ② Surface Casing Cart Stop
- ③ STATEMENT OF BASIS



OPERATOR: WESTPORT O&G CO (N2115)

SEC. 16 T.10S, R.21E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Wells

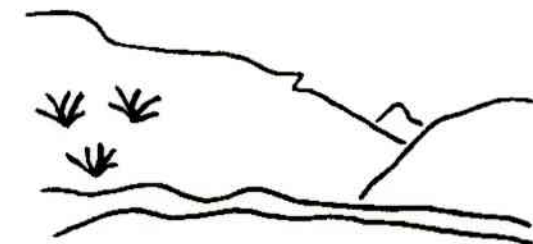
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 28-JULY-2003

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 4, 2003

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2003 Plan of Development Natural Buttes Unit,
Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2003 within the Natural Buttes Unit, Uintah County, Utah.

Api Number	Well	Location
------------	------	----------

(Proposed PZ Mesaverde)

43-047-35104	NBU 922-18L	Sec. 18 T09S R22E 1673 FSL 0299 FWL
43-047-35105	NBU 922-18P	Sec. 18 T09S R22E 0423 FSL 0213 FEL
43-047-35107	NBU 922-36I	Sec. 36 T09S R22E 2115 FSL 0746 FEL
43-047-35108	NBU 921-22L	Sec. 22 T09S R21E 1658 FSL 0613 FWL
43-047-35109	NBU 1022-2I	Sec. 2 T10S R22E 1668 FSL 0841 FEL
43-047-35110	NBU 1021-20	Sec. 2 T10S R21E 0185 FSL 1328 FEL
43-047-35111	NBU 1021-16G	Sec. 16 T10S R21E 2565 FSL 2470 FEL
43-047-35106	NBU 921-13M	Sec. 13 T09S R21E 0484 FSL 1092 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:8-4-3

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: WESTORT OIL AND GAS COMPANY, L.P.
WELL NAME & NUMBER: NBU 1021-16G
API NUMBER: 43-047-35111
LEASE: ML-10755 **FIELD/UNIT:** NATURAL BUTTES
LOCATION: 1/4, 1/4 SW/NE Sec: 16 TWP: 10S RNG: 21E 2470' FEL 2565' FNL
LEGAL WELL SITING: 460 from unit boundary and uncommitted tracts.
GPS COORD (UTM): 4422806N 12623401E **SURFACE OWNER:** STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOGM), FLOYD BARTLETT (DWR), CARROLL ESTES, CARROLL WILSON, CLAY EINERSON, DEBRA DOMENICI (WESTPORT), ROBERT KAY (UELS), ED BONNER (SITLA).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS IN AN AREA OF LOW ROLLING HILLS AND SHALLOW DRAWS DRAINING TO THE NORTH TOWARD THE WHITE RIVER 6.1 MILES AWAY. OURAY, UTAH IS 15.7 MILES TO THE NORTHWEST. COTTONWOOD WASH IS 1.2 MILES TO THE WEST.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' BY 245'. ACCESS ROAD WILL BE 200 FEET.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL FOLLOW ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: SALTBRUSH, SHADSCALE, PRICKLEY PEAR, CHEAT GRASS, HORSE BRUSH: PRONGHORN, COYOTES, SONGBIRDS, RAPTORS, RODENTS, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION.
SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION
SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 140' BY 70' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A PLASTIC LINER WILL
NOT BE REQUIRED FOR RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY
ARCHEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON
FILE.

OTHER OBSERVATIONS/COMMENTS

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A HOT, CLOUDY, WINDY DAY.

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

8/07/03, 9:30 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>0</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 10 (Level III Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: WESTPORT Oil & Gas Co.
WELL NAME & NUMBER: NBU 1021-16G
API NUMBER: 43-047-35111
LOCATION: 1/4,1/4 SW/NE Sec: 16 TWP: 10S RNG: 21E 2477' FEL 2565' FNL

Geology/Ground Water:

Westport proposes to set 2,000' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 5,000'. A search of Division of Water Rights records shows one water well within a 10,000 foot radius of the center of section 16 . This well produces from an unlisted depth and the water rights were filed by 3 oilfield service companies. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought to above the base of the moderately saline groundwater in order to isolate it from fresher waters uphole.

Reviewer: Brad Hill **Date:** 08/12/03

Surface:

The predrill investigation of the surface was performed on 8/07/03. Floyd Bartlett with DWR and Ed Bonner with SITLA were invited to this investigation on 7/23/03. Both were present. Neither had any concerns regarding the construction of this location or the drilling of the well. This site is on State surface, with State minerals. This site appears to be the best site for a location in the immediate area. Northwest and southwest corners of location will be rounded as necessary to not block existing drainages.

Reviewer: David W. Hackford **Date:** 8/08/03

Conditions of Approval/Application for Permit to Drill:

None.

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED TUE, AUG 12, 2003, 9:10 AM
PLOT SHOWS LOCATION OF 3 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT
FEET, FEET OF THE CT CORNER,
SECTION 16 TOWNSHIP 10S RANGE 21E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET

N O R T H

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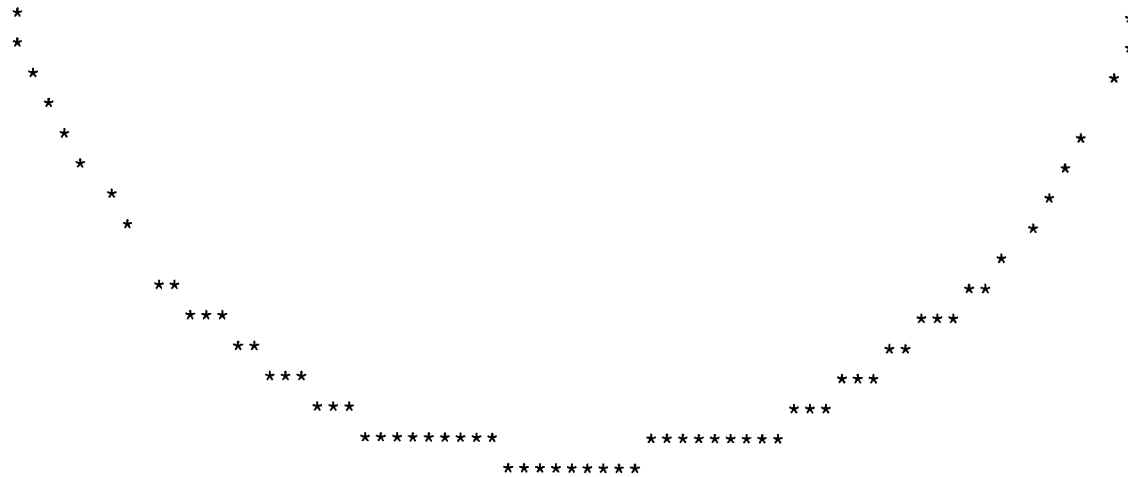
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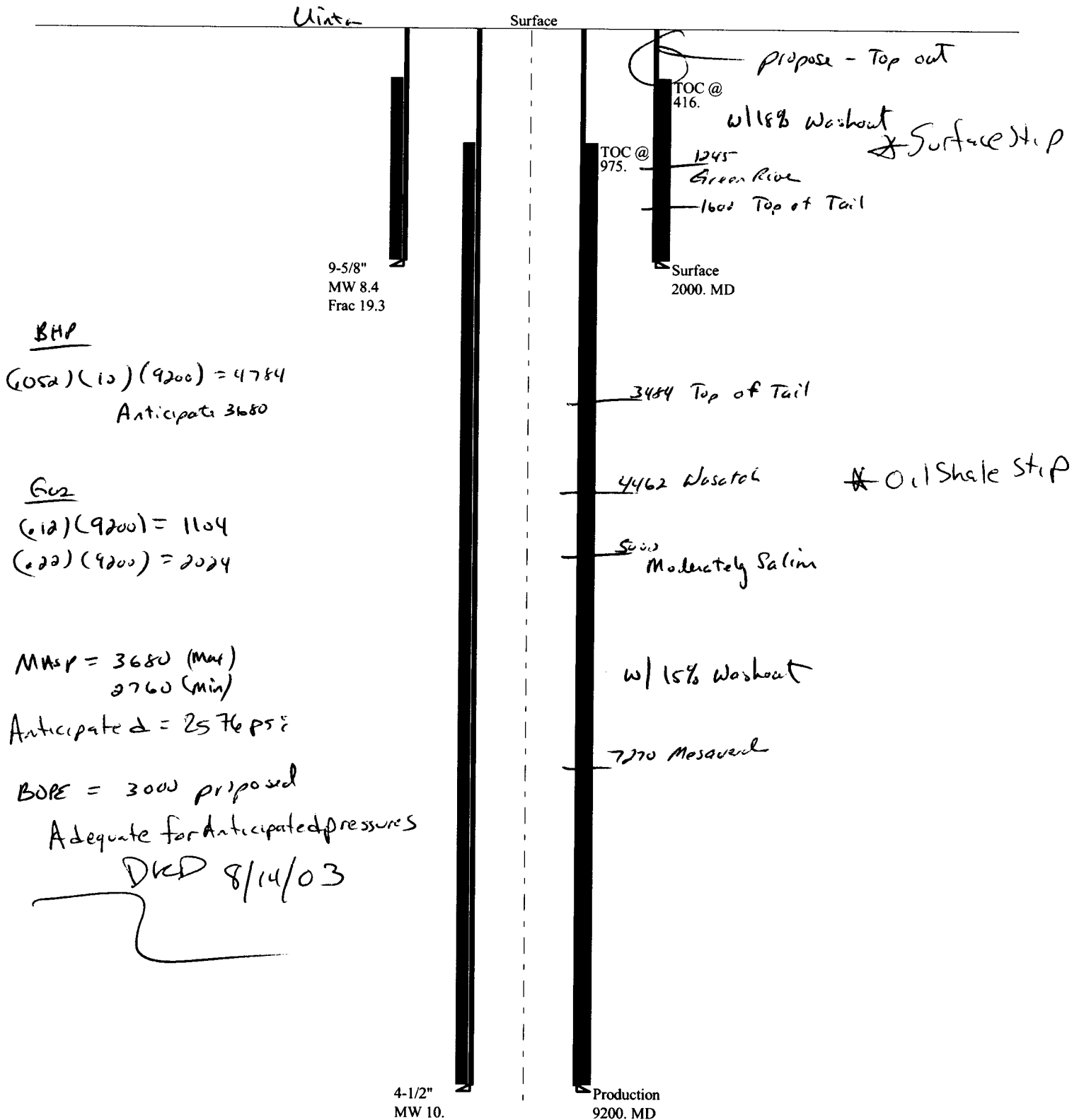
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UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER DEPTH YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH EAST CNR SEC TWN RNG B&
0	49 986	.0150	.00	Underground Water Well	S 2200 W 400 NE 16 10S 21E S
	WATER USE(S): OTHER				PRIORITY DATE: 03/09/1
	Curry Leasing			P.O. Box 227	Altamont,
0	49 991	.0150	.00	Underground Water Well	S 2200 W 400 NE 16 10S 21E S
	WATER USE(S): OTHER				PRIORITY DATE: 03/30/1
	Target Trucking Inc.			1409 South 1500 East	Vernal
0	49 1399	.0150	.00	8	S 2200 W 400 NE 16 10S 21E S
	WATER USE(S): OTHER				PRIORITY DATE: 08/15/1
	Dalbo Incorporated			355 So. 1000 East	Vernal

08-03 Westport NBU 1012-16G
Casing Schematic



BHP

$$(0.52)(10)(9200) = 4784$$

Anticipate 3680

Guz

$$(0.12)(9200) = 1104$$

$$(0.22)(9200) = 2024$$

$$MHP = 3680 \text{ (max)}$$

$$2760 \text{ (min)}$$

$$\text{Anticipated } \Delta = 2576 \text{ psi}$$

BOP = 3000 proposed

Adequate for Anticipated pressures

DWD 8/14/03

Well name:

08-03 Westport NBU 1021-16GOperator: **Westport O&G Company**String type: **Surface**

Project ID:

43-047-35111Location: **Uintah****Design parameters:****Collapse**Mud weight: 8.400 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 93 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 185 ft

Cement top: 416 ft

BurstMax anticipated surface pressure: 669 psi
Internal gradient: 0.447 psi/ft
Calculated BHP 1,563 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)Tension is based on air weight.
Neutral point: 1,753 ft

Non-directional string.

Re subsequent strings:Next setting depth: 9,200 ft
Next mud weight: 10.000 ppg
Next setting BHP: 4,779 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,000 ft
Injection pressure 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	9.625	32.30	H-40	ST&C	2000	2000	8.876	126.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	1370	1.570	1563	2270	1.45	65	254	3.93 J

Free Grad. Dependent

Prepared by: Clinton Dworshak
Utah Div. of Oil & MiningDate: August 13, 2003
Salt Lake City, Utah**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

08-03 Westport NBU 1021-16GOperator: **Westport O&G Company**String type: **Production**

Project ID:

43-047-35111Location: **Uintah****Design parameters:****Collapse**Mud weight: 10.000 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 194 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 975 ft

BurstMax anticipated surface pressure: 669 psi
Internal gradient: 0.447 psi/ft
Calculated BHP 4,779 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 7,825 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9200 ✓	4.5 ✓	11.60 ✓	M-80 ✓	LT&C ✓	9200	9200	3.875	213.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4779	6350	1.329 ✓	4779	7780	1.63 ✓	107	267	2.50 B ✓

Prepared by: Clinton Dworshak
Utah Div. of Oil & MiningDate: August 13, 2003
Salt Lake City, Utah**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 9200 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

From: Ed Bonner
To: Mason, Diana
Date: 8/18/03 9:51AM
Subject: Well Clearance

The following well has been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Westport Oil & Gas
NBU 1021-16G

If you have any questions regarding this matter please give me a call.

CC: Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

August 18, 2003

Westport Oil & Gas Company
P O Box 1148
Vernal, UT 84078

Re: Natural Buttes Unit 1021-16G Well, 2565' FNL, 2470' FEL, SW NE, Sec. 16,
T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35111.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza'.

John R. Baza
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Operator: Westport Oil & Gas Company
Well Name & Number Natural Buttes Unit 1021-16G
API Number: 43-047-35111
Lease: ML-10755

Location: SW NE **Sec.** 16 **T.** 10 South **R.** 21 East

Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

Page 2

Conditions of Approval API# 43-047-35111

August 18, 2003

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
7. Surface casing shall be cemented to the surface.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

005

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped.

The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Title

Date:

Initials:

Date:

Operations Manager

SEP 10 2003

DIV. OF OIL & GAS

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date:

Accepted by the
Utah Division of
Oil, Gas and MiningFederal Approval of This
Action is Necessary

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Westport Oil & Gas, L.P.

Project Economics Worksheet

Instructions:

Fill in blue boxes with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ???

N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

Project Life:

Life = 20.0 Years
(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

Payout Calculation:

Payout = $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$ = 1

Payout occurs when total AT cashflow equals investment
See graph below, note years when cashflow reaches zero.

Payout = NEVER Years or #VALUE! Days

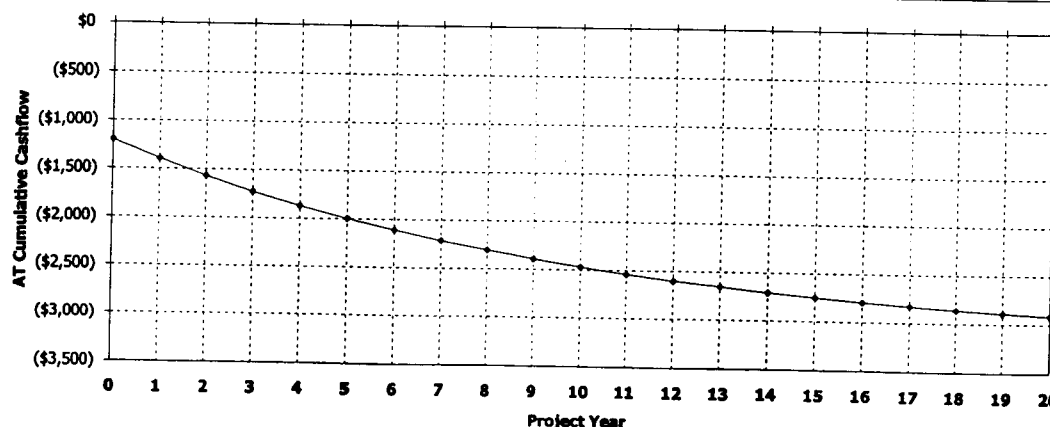
Gross Reserves:

Oil Reserves = 4 BO
Gas Reserves = 0 MCF
Gas Equiv Reserves = 38 MCFE

Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd w 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%

80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%

80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%

80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 058N2	27-10-22 NENW	UTU473	891008900A	430473083800S1
NBU 060	26-9-21 NWSW	U01194	891008900A	430473172800S1 ✓
NBU 062N3	16-10-21 SENW	ML10755	891008900A	430473090900S1
NBU 063N3	12-9-21 SWNW	UTU0141317	891008900A	430473109700S1
NBU 064N3	8-9-21 NESE	UTU0575B	891008900A	430473109800S1
NBU 065N3	14-9-21 SESW	UTU01193	891008900A	430473109900S1
NBU 067A	4-10-22 SWNE	UTU01191	891008900A	430473173700S1
NBU 068N2	26-9-21 NESE	ML22934	891008900A	430473108900S1 ✓
NBU 069N2	35-9-21 SWSW	U01194	891008900A	430473109000S1 ✓
NBU 070N3	3-10-22 SWNW	UTU01191	891008900A	430473110000S1
NBU 072N3	12-10-20 NWNW	UTU4478	891008900A	430473108800S1
NBU 074N3	24-10-20 SWNE	ML22790	891008900A	430473108700S1
NBU 075N3	20-10-21 NENE	UTU02278	891008900A	430473110300S1
NBU 078	30-9-22 NWNW	U463	891008900A	430473176200S1
NBU 080V	34-9-22 NWSW	UTU0149077	891008900A	430473124000S1
NBU 081V	35-9-21 SWNW	U01194	891008900A	430473123200S1 ✓
NBU 083J	27-9-21 NESW	U01194A	891008900A	430473123500S1 ✓
NBU 084V	6-10-22 NWNE	UTU01195B	891008900A	430473124500S1
NBU 085J	4-10-22 SWNW	UTU01191A	891008900A	430473124600S1
NBU 086J	3-10-22 NENE	UTU01191A	891008900A	430473125100S1
NBU 087J	3-10-22 NESW	UTU01191	891008900A	430473125000S1
NBU 088V	26-9-21 NENE	U01194	891008900A	430473123300S1 ✓
NBU 093	33-9-22 NESE	UTU01191A	891008900A	430473175300S1
NBU 097	25-9-21 NENW	U01189	891008900A	430473174400S1 ✓
NBU 098V	34-9-21 SWSW	U01194A	891008900A	430473132700S1 ✓
NBU 099	25-9-21 SWSW	U01194	891008900A	430473174500S1 ✓
NBU 101	3-10-21 NWSE	UTU0149078	891008900A	430473175500S1
NBU 102	5-10-21 SESW	UTU01393D	891008900A	430473175700S1
NBU 1021-16G	16-10-21 SWNE	ML10755	891008900A	430473511100S1 ✓
NBU 1021-2O	2-10-21 SWSE	ML13826	891008900A	430473511000S1 ✓
NBU 103	10-9-21 SENW	U0141315	891008900A	430473195600S1
NBU 104	16-9-21 SENE	ML3282	891008900A	430473195700S1
NBU 105	17-9-21 SWSW	UTU0575	891008900A	430473230200S1
NBU 106	21-9-21 NESW	UTU0576	891008900A	430473194600S1
NBU 107	26-9-21 SENW	U01194	891008900A	430473191600S1
NBU 108	19-9-22 SESE	UTU0284	891008900A	430473195800S1
NBU 109	27-9-21 SENE	U01194A	891008900A	430473191700S1 ✓
NBU 110	28-9-21 NENE	U05676	891008900A	430473192400S1
NBU 111	25-9-21 SWNW	U01194	891008900A	430473192000S1 ✓
NBU 112	33-9-22 SESE	UTU01191	891008900A	430473193000S1
NBU 113	34-9-22 SESE	UTU0149077	891008900A	430473193100S1
NBU 114	5-10-21 SWSW	UTU01393D	891008900A	430473192300S1
NBU 115	10-10-21 NENW	UTU0149079	891008900A	430473192900S1
NBU 116	6-10-22 NWNW	UTU464	891008900A	430473192500S1
NBU 117	10-10-22 NENE	U01197A	891008900A	430473191400S1
NBU 118	22-9-20 SENE	UTU0577B	891008900A	430473196900S1
NBU 119	22-9-20 SENW	UTU0577B	891008900A	430473197300S1
NBU 120	10-9-21 NWNW	U0141315	891008900A	430473197200S1
NBU 121	13-9-21 NWNE	U01193	891008900A	430473208600S1
NBU 122	13-9-21 SESE	U01193	891008900A	430473230300S1
NBU 123	15-9-21 NWNW	UTU01188	891008900A	430473197400S1
NBU 124	16-9-21 NWNE	ML3282	891008900A	430473197100S1
NBU 125	17-9-21 SESE	UTU0575	891008900A	430473235000S1
NBU 126	21-9-21 SENW	UTU0576	891008900A	430473234900S1
NBU 127	21-9-21 SWNW	UTU0576	891008900A	430473196300S1
NBU 128	21-9-21 SWSW	UTU0576	891008900A	430473196400S1
NBU 129	22-9-21 SENE	UTU010950A	891008900A	430473196500S1
NBU 130	22-9-21 SWNW	UTU0147566	891008900A	430473196700S1
NBU 131	23-9-21 NWSW	UTU0149075	891008900A	430473196600S1
NBU 132	26-9-21 NWNW	U01194	891008900A	430473193800S1 ✓
NBU 133	28-9-21 SWNE	U05676	891008900A	430473195000S1
NBU 134	28-9-21 SWSW	U05676	891008900A	430473201100S1
NBU 136	19-9-22 SWSE	UTU0284	891008900A	430473196800S1
NBU 137	30-9-22 SESE	ML22935	891008900A	430473193900S1 ✓
NBU 138A	33-9-22 SENE	UTU01191A	891008900A	430473215100S1
NBU 139	14-10-21 SWNE	UTU465	891008900A	430473194800S1
NBU 140	5-10-22 NWNE	UTU01191A	891008900A	430473194700S1
NBU 141	6-10-22 SENW	UTU464	891008900A	430473201700S1
NBU 142	10-10-22 NESE	UTU025187	891008900A	430473201300S1
NBU 143	10-9-21 SWNE	U0141315	891008900A	430473229700S1
NBU 144	23-9-21 NWNW	UTU0149075	891008900A	430473204400S1
NBU 145	27-9-21 NWNE	U01194A	891008900A	430473197600S1 ✓
NBU 146	14-10-21 SWNW	UTU465	891008900A	430473198500S1
NBU 147	4-10-22 NWSW	UTU01191	891008900A	430473198400S1
NBU 148	4-10-22 SESW	UTU01191	891008900A	430473198300S1

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: WESTPORT OIL & GAS COMPANY LPWell Name: NBU 1021-16GApi No: 43-047-35111 Lease Type: STATESection 16 Township 10S Range 21E County UINTAHDrilling Contractor BILL JR'S RIG # AIR**SPUDDED:**Date 10/26/03Time 8:00 PMHow ROTARY**Drilling will commence:** _____Reported by JIM MURRAYTelephone # 1-435-828-1730Date 10/27/2003 Signed CHD

007

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR WESTPORT O & G CO., L.P.
ADDRESS P.O. BOX 1148
VERNAL, UTAH 84078

OPERATOR ACCT. NO. N 2115

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	2900	43-047-35111	NBU 1021-16G	SWNB	16	10S	21E	UINTAH	10/26/2003	10/31/03
WELL 1 COMMENTS: MIRU BILL JR AIR RIG WELL SPUD ON 10/26/03 @ 8 PM MVRD											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 2 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 3 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 4 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit w)
- C - Re-assign well from one existing entity to anot
- D - Re-assign well from one existing entity to a ne
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Acti
(3/89)

Post-It* Fax Note 7671		Date	# of pages
To	Erlene Russell	From	
Co./Dept.	DOGRI	Co.	
Phone #	(801) 538-5336	Phone #	
Fax #	(801) 359-3940	Fax #	

Signature: *Debra D. M... ..*

RECEIVED ADMINISTRATIVE ASST 10/31/03

OCT 31 2003

Phone No. (435) 781-7060

DIV. OF OIL, GAS & MINING

OCT-31-2003 FRI 09:30 AM EL PASO PRODUCTION

FAX NO. 4357817094

P. 01/01

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ML-10755
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES UNIT
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number NBU 1021-16G
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		10. API Well Number 43-047-35111
3. Address of Operator P.O. BOX 1148, VERNAL, UTAH 84078	4. Telephone Number (435)781-7060	11. Field and Pool, or Wildcat NATURAL BUTTES
5. Location of Well Footage : 2565' FNL 2470' FEL County : UINTAH QQ, Sec, T., R., M : SWNE SEC 16-10S-21E State : UTAH		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

<p style="text-align: center;">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input checked="" type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start <u>UPON APPROVAL</u></p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input checked="" type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p style="text-align: center;">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input checked="" type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion																										
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

OPERATOR REQUESTS TO AMEND THE CURRENT DRILLING PROGRAM
 TD TO 9615'. PLEASE REFER TO THE ATTACHED DHD REFLECTING
 THE CURRENT AMENDMENTS.

**Approved by the
 Utah Division of
 Oil, Gas and Mining**

Date: 11-10-03
 By: [Signature]

COPY SENT TO OPERATOR
 Date: 11-17-03
 Initials: CHO

RECEIVED

NOV 03 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI [Signature] Title SR ADMIN ASSIST Date 10/27/03

(State Use Only)



Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	16"	0-20'				2270	1370	254000
SURFACE	9-5/8"	0 to 2000	32.30	H-40	STC	0.78*****	1.32	4.49
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 9650	11.60	M-80	LTC	2.69	1.27	2.06

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))
 2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (.22 psi/ft-partial evac gradient x TVD of next csg point)
 3) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
 (Burst Assumption: Max Pore Press @ Int shoe, TD@shoe=9.0 ppg, 12.0 ppg EMW) .22 psi/ft = grad for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
 MASP 2895 psi

***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized				
			65/35 Poz + 6% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOW	360	35%	12.60	1.81
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,940'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	410	60% * no excess in casing	11.00	3.38
	TAIL	5,710'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1600	60%	14.30	1.31

*Substitute caliper hole volume plus 15% excess if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER:

Brad Laney

DATE:

DRILLING SUPERINTENDENT:

DATE:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ML-10755
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES UNIT
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number NBU 1021-16G
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		10. API Well Number 43-047-35111
3. Address of Operator P.O. BOX 1148, VERNAL, UTAH 84078	4. Telephone Number (435)781-7060	11. Field and Pool, or Wildcat NATURAL BUTTES
5. Location of Well Footage : 2565' FNL 2470' FEL County : UINTAH QQ, Sec, T., R., M : SWNE SEC 16-10S-21E State : UTAH		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

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MIRU BILL JR AIR RIG, SPUD 12 1/4" SURFACE HOLE @ 8 PM 10/26/03.
 DUMP 10 GALS SODIUM SILICATE, 50 SKS G + 2% CACL2 + DUMP 10
 GALS SODIUM SILICATE. TOP OUT W/ 250 SKS G + 2% CACL2 AT 15.6
 PPG. CMT FAIL BACK. W.O.C. TOP OUT W/ 75 SKS G + 2% CACL2
 CMT TO SURFACE & HOLDING. JOB COMPLETE.

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title SR ADMIN ASSIST Date 10/31/03
 (State Use Only)

RECEIVED

NOV 03 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.		10. API Well Number 43-047-35111
3. Address of Operator P.O. BOX 1148 VERNAL, UT 84078	4. Telephone Number (435) 781-7024	11. Field and Pool, or Wildcat NATURAL BUTTES
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FINISHED DRILLING FROM 1761.40' TO 9680'. RAN 4 1/2" 11.6# M-80 LTC CSG.
 CMT W/20 SX SCAVENGER LEAD CMT 340 SX @11.0 PPG 3.38 YIELD.
 TAIL CMT W/2260 SX 50/50 POZ @14.3 PPG 1.31 YIELD.
 FLOATS HELD. GOOD CIRC DURING JOB W/20 SX SCAVENGER & 116 SX LEAD CMT TO PIT.

RELEASED RIG ON 11/17/03 AT 22:00 HRS.

RECEIVED
NOV 24 2003
 DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature Sheila Upchego  Title Regulatory Analyst Date 11/18/03

(State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

008

6. Lease Designation and Serial Number <div style="text-align: center;">ML-10755</div>
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Approximate Date Work Will Start _____		Date of Work Completion <u>12/14/03</u>	
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THE SUBJECT WELL WAS PLACED ON SALES AT 9:30 AM ON 12/14/03.
 REFER TO THE ATTACHED CHRONOLOGICAL DRILLING AND COMPLETION HISTORY REPORT.

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title SR ADMIN ASSIST Date 12/19/03

(State Use Only)

WESTPORT OIL & GAS COMPANY, LP

CHRONOLOGICAL HISTORY

NBU 1021-16G

UINTAH COUNTY, UT

Rig: Caza 81 AFE: 803115D AFE M\$ 889.7 WI: 100%
SW/NE, 16-10S-21E Target: Wasatch, Mesa Verde DHC M\$ 419.8 Proposed TD: 9650'

	SPUD	Surface Casing	Activity	Status
10/10/03			Build Location, 50% complete	
10/13/03			Build Location, 55% complete	
10/14/03			Build Location, 55% complete	
10/15/03			Build Location, 55% complete	
10/16/03			Build Location, 70% complete	
10/17/03			Build Location, 85% complete	Caza 81
10/20/03			Build Location, 95% complete	Caza 81
10/21/03			Location Complete	Caza 81
10/22/03			Location Complete	Caza 81
10/23/03			Location Complete	Caza 81
10/24/03			Location Complete	Caza 81
10/27/03	10/26/03		Drlg 12 1/4" hole @ 800'	Caza 81
10/28/03	10/26/03		Drlg 12 1/4" hole @ 800'	Caza 81
10/29/03	10/26/03		Drlg 12 1/4" hole @ 1515'	Caza 81
10/30/03	10/26/03		9 5/8" @ 1760'	WORT Caza 81
10/31/03	10/26/03		9 5/8" @ 1760'	WORT Caza 81
11/3/03	TD:1785' Csg. 9 5/8"@1785' MW:8.4 SD:11/xx/03 DSS:0 Rig Down Caza 81. Conduct rig repairs. Will Move to NBU 1021-16G on Tuesday 11/4/03.			
11/4/03	TD:1785' Csg. 9 5/8"@1785' MW:8.4 SD:11/xx/03 DSS:0 Finish rig repairs. Prepare to move to NBU 1021-16G.			
11/5/03	TD:1785' Csg. 9 5/8"@1785' MW:8.4 SD:11/xx/03 DSS:0 Move Caza 81 from NBU 421 to NBU 1021-16G. Spot rig. SDFN.			

11/6/03 TD:1785' Csg. 9 5/8"@1785' MW:8.4 SD:11/6/03 DSS:0
Finish rigging up. NU and test BOPE. PU PDC bit and MM. TIH. Drlg cement and Shoe @ report time.

11/7/03 TD: 3711' Csg. 9 5/8"@1785' MW:8.4 SD:11/6/03 DSS:1
Drlg cement and Shoe. Rotary Spud 11/6/03. Drlg from 1785'-3711'. DA @ report time.

11/10/03 TD: 7400' Csg. 9 5/8"@1785' MW:8.4 SD:11/6/03 DSS:4
Drlg f/3711-7323'. TFNB. Drlg to 7400'. DA @ report time.

11/11/03 TD: 8100' Csg. 9 5/8"@1785' MW:8.6SD:11/6/03 DSS:5
Drlg from 7400'-8100'. DA @ report time.

11/12/03 TD: 8460' Csg. 9 5/8"@1785' MW:8.9 SD:11/6/03 DSS:6
Drlg from 8100'-8329'. Close in mud system and mud up. Had partial returns from 8300'. Mix LCM. Drlg to 8460'. Work on #1 pump clutch. Work tight hole @ 8460'. Repair drive chain. Ream 4 joints to btm. Mix LCM and build volume @ report time.

11/13/03 TD: 8835' Csg. 9 5/8" @1785' MW:9.4 SD:11/6/03 DSS:7
Drlg from 8460'-8835'. DA @ report time.

11/14/03 TD: 9132' Csg. 9 5/8"@1785' MW:9.6 SD:11/6/03 DSS:8
Drlg from 8835'-9132'. Circ btms up. TFNB @ report time.

11/17/03 TD: 9685' Csg. 9 5/8"@1785' MW:10.1 SD:11/6/03 DSS:11
Drlg from 9132'-9685' TD. CCH for logs. Run Open Hole PEX log. TIH . Lay down drill string in preparation for running casing.

11/18/03 TD: 9685' Csg. 9 5/8"@1785' MW:10.1 SD:11/6/03 DSS:12
Finish laying down drill string in preparation for running casing. Run and cement 4 1/2" Production Casing @9680'. ND BOPE. Set Slips. Release rig @ 2200 hrs 11/17/03. Rig Down.

11/26/03 12PM: ROAD RIG FROM NBU 261 TO NBU 1021-16G. RU RIG SDFN.

12/1/03 11/24/03: OPEN WELL. PU 3 7/8" BIT & BIT SUB. RIH. PU 2 3/8" TBG, 293 JTS. V TAG @ 9620'. RU DRILL EQUIP. BRK REV CIRC. DRILL TO 9677'. CIRC WELL CLEAN W/2% KCL. POOH W/12 JTS TBG, EOT @ 9270'. 6:00 PM SWL.

12/2/03 OPEN WELL. POOH W/2 3/8" TBG. RU CUTTERS WLS. PERF W/FULL LUBE. PERF ACCORDING TO PROC, 9504'-9634', 3 3/8" GUN, 23 GRAM CHARGES, .35" HOLE. RD CUTTERS. RU SCHLUMBERGER PUMPING SERV. HELD SAFETY MEETING. BRK DN PERFS @ 4448#. FRAC SEGO W/126,100# 20/40 OTTOWA SD W/YF118ST+, ISIP: 4040#, NPI: 824#, FG: 0.86. RD SCHLUMBERGER. RU FLOWBACK LINES TO PIT. OPEN WELL ON 16/64" CHK, OPEN WELL TO PIT 3000#. TURN WELL OVER TO FLOW BACK CREW 3:30 PM. FLOW BACK REPORT: CP: 10#, TP: NO TBG IN HOLE: 64/64" CHK, 19 HRS, 5 BWPH, SD: TRACE OIL, LIGHT GAS, TOTAL 635 BW.

12/3/03 RIH W/2 3/8" TBG. EOT @ 9469'. SWAB TST.

12/4/03 HELD SAFETY MEETING. OPEN WELL. CP: 900#, TP: 720#. TBG FLWD 1 1/2 HRS, REC 18 BBLS. WELL DIED. RU SWAB. MADE 2 SWAB RUNS, REC 8 BBLS. TBG FLOWING UNTIL 3:30 PM, REC 160 BBLS WTR. RU SWAB. MADE 4 SWAB RUNS, REC 20 BBLS WTR. FFL @ 3500'. TOTAL FLU REC FOR DAY: 206 BBLS, CSG DN TO 600# BY 11:30 AM. SWI 4:30 PM.

12/5/03 OPEN WELL. CP: 1200#, TP: 780#. BLOW TBG DN. RU SWAB, IFL @ 1200'. MADE 15 SWAB RUNS, REC 60 BBLS WTR. WELL STARTED FLOWING, GAS & WTR FLWD 2 HRS FLWD 30 BBLS WTR. WELL DIED. RIH W/SWAB. FL @ 6000'. MADE 6 SWAB RUNS, REC 15 BBLS, WTR FFL @ 6000'. REC TOTAL 105 BBLS TODAY. SWI 4:30 PM, TOTAL BBLS REC FROM FRAC: 964 BBLS.

12/8/03 12/5/03: HELD SAFETY MEETING. OPEN WELL. TP: 600#, CP: 900#. BLOW WELL DN. POOH W/2 3/8" TBG, SN & MULE SHOE. RU CUTTERS. RIH W/10K CIBP, SET @ 9450'. DUMP BAIL 1 SX CMT ON TOP. PRESS TST CIBP TO 4000#. PERF W/3 3/8" GUNS, 23 GRAM CHARGES, .35 HOLES, 8978'-8984', 1 SPF; 9034'-9037', 4 SPF; 9066'-9068', 4 SPF; 9088'-9093', 4 SPF; 9166'-9176', 4 SPF. RD WIRELINE. PREP FOR FRAC. 4:30 PM SWI.

12/9/03 HELD SAFETY MEETING. RU SCHLUMBERGER. FRAC PERFS 8978'-9176' W/200,000# SD, 1950 BBLS CLEAN. BRK @ 3574, ISIP: 2875#, FG: .80, MTP: 4905#, MTR: 29.1BPM, ATP: 3782#, ATR: 25.8 BPM, ISIP: 3760#, FG: .85. RU CUTTERS. SET CBP @ 8850'. PERF 2 GUN RUNS, 8672'-8824' W/33/8 GUNS. RU SCHLUMBERGER. BRK PERFS @ 3392#. ISIP: 2446#, FG: .71. FRAC PERFS W/150,500# SD, 1478 BBLS CLEAN FLU, MTP: 4882#, MTR: 30.9 BPM, ATP: 3777#, ATR: 29.9 BPM, FG: .77, ISIP: 2950#, NPI: 504#. RU CUTTERS. RIH. SET CBP @ 8850'. PERF WELL W/33/8 GUNS, 8672'-8824'. 5:30 PM SWI.

12/10/03 OPEN WELL. RU SCHLUMBERGER. PMP 4TH STAGE (PERFS 7956-8166). BRK @ 2772, ISIP: 2050#, FG: .69, 255,000# SD, 2355 CLEAN FLU. MTP: 4086#, MTR: 30.2 BPM, ATP: 3503#, ATR: 29.5 BPM, FG: .84, ISIP: 3250#, NPI: 1200#. RU CUTTERS. SET CBP @ 7800. PERF W/ 3 3/8" GUNS 7351- 7763', 122 HOLES. RU SCHLUMBERGER. BRK PERFS 2170#, ISIP: 1860#, FG: .68, 232,000# SD, 2196 BBLS CLEAN FLU. ISIP: 2750#. MTP: 4428#, MTR: 45.1 BPM, ATP: 3753#, ATR: 39.5 BPM. NPI: 890#, FG: .80. RU CUTTERS. SET CBP @ 7250. PERF W/ 3 3/8" GUNS, 6988'-6995', 28 HOLES. RU SCHLUMBERGER. BRK PERFS @ 2600, ISIP: 1250#. 110,000 SD, 1037 BBLS CLEAN FLU. MTP: 3773#, MTR: 25.7 BPM, ATP: 3416#, ATR: 25.2 BPM, FG: .84, ISIP: 2832#. RU CUTTERS SET CBP @ 6000'. PERF WELL W/ 3 3/8" GUNS 5954'-5960'. RU SCHLUMBERGER. BRK PERFS @ 3910, ISIP: 1150#, FG: .63, 60,000# SD, 640 BBLS CLEAN FLU. MTP: 3687#, MTR: 25.7, ATP: 2593#, ATR: 23.9 BPM, FG: .73, NPI: 620#. RU CUTTERS. SET CBP @ 5490'. PERF WELL W/ 3 3/8" GUNS. 5430'-5449', 56 HOLES. RU SCHLUMBERGER. BRK PERFS @1456, INJ RATE 31.7, MTP: 2430#, ISIP: 1080#, FG: .63. TOTALS PUMPED 1,045,940 SD; 10,869 CLEAN. CUTTERS SET TOP KILL CBP @ 5400. RD CUTTERS @ SCHLUMBERGER. SWI 5:30 PM

12/11/03 CO
OPEN WELL. PU 3 7/8" BIT & PMP OFF BIT SUB. RIH W/ 1 JT 2 3/8" TBG X-NIPPLE. RIH W/ 2 3/8" TBG. TAG TOP KILL. BRK CON. CIRC. DRILL UP CBP @ 5400. RIH. DRILL UP CBP @ 5490. RIH TO 5970, 30 FT SD. DRILL UP CBP @ 6000'. 100 PRESS INC. RIH. TAG @ 7000', 120' SD. DRILL UP CBP @ 7120', 400 PRESS INC. RIH. TAG SD @ 7750', 50' OF SD. DRILL UP CBP @ 7800', 600 PRESS INC. RIH. TAG @ 8370, 180' SD. DRILL UP CBP @ 8550. NO PRESS INC. RIH TO 8600. POOH TO 6920'. SWI 5:30 PM.

12/12/03

FINAL REPORT

OPEN WELL. 1400# ON WELL . RIH W/ 2 3/8" TBG & CSG FLOWING TO PIT. TAG @ 8790', 60' SD. DRILL TO CBP @ 8850 . DRILL UP CBP @ 8850'. RIH. TAG @ 9400'. CIR BTM UP. POOH. LD 30 JTS 2 3/8 TBG. LAND TBG W/ 261 TOTAL JTS. EOT @ 8600.37'. NDBOP. NUWH. DROP BALL. PMP OFF BIT SUB. RU FLOWLINE. OPEN WELL 900# ON CSG, 150# ON TBG, OPEN CHOKE. RD RIG. MOVE OFF 1:00 PM.

NOTE : 8010 BBLs LEFT TO REC.

FLOW BACK REPORT: CP: 950#, TP: 185, 64/64" CHK, 19 HRS, 85 BWPH, SD: TRACE, 1790 BW, LLTR: 6220 BBLs, ACTUAL FLOW RATE: 4850, ADJUSTED FLOW RATE: 1850.

12/15/03

12/13/03 FLOW BACK REPORT: CP: 1000#, TP: 120#, 64/64" CHK, 24 HRS, 15 BWPH, SD: CLEAN, TRACE OIL. 1008 BW, LLTR: 5212 BBLs.

12/14/03 FLOW BACK REPORT: CP: 600#, TP: 90#, 64/64" CHK, 24 HRS, 13 BWPH, SD: CLEAN, NO OIL PRESENT. 443 BW, LLTR: 4769 BBLs.

WELL WENT ON SALES 12/14/03, 9:30 AM. 2000 MCF, 30/64" CHK, SICP: 750#, FTP: 300#, 15 BWPH.

12/16/03

ON SALES

12/14/03: 908 MCF, 0 BC, 300 BW, TP: 198#, CP: 725#, 30/64" CHK, 20 HRS, LP: 78#.

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

009

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____										5. LEASE DESIGNATION AND SERIAL NO. ML-10755	
1b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME NATURAL BUTTES UNIT	
2. NAME OF OPERATOR WESTPORT OIL & GAS COMPANY, L.P.										7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
3. ADDRESS AND TELEPHONE NO. 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078 (435)781-7060										8. FARM OR LEASE NAME, WELL NO. NBU	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements) At Surface SWNE 2565' FNL 2470' FEL At top prod. Interval reported below										9. WELL NO. 1021-16G	
At total depth										10. FIELD AND POOL OR WILDCAT NATURAL BUTTES	
14. API NO. 43-047-35111										12. COUNTY UINTAH	
DATE ISSUED 8/18/03										13. STATE UTAH	
15. DATE SPUDDED 10/26/03		16. DATE T.D. REACHED 11/17/03		17. DATE COMPL. (Ready to prod. or Plug &) 12/14/03		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5171.2' GL		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 9685' MD TVD		21. PLUG, BACK T.D., MD & TVD 9678.7' TD MD TVD		22. IF MULTIPLE COMPL., HOW MANY		23. INTERVALS ROTARY TOOLS DRILLED BY ----->		CABLE TOOLS			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)										25. WAS DIRECTIONAL	
26. TYPE ELECTRIC AND OTHER LOGS RUN MICROLOG-16' GR/CL CON HAZ/A2HOL RES, CN/3DET/LDT/CN/DEMP										27. WAS WELL CORED YES NO <input checked="" type="checkbox"/> (Submit analysis) DRILL STEM TEST YES NO <input checked="" type="checkbox"/> (See reverse side)	
23. LOGS REC 11-20-03 CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
9.625" H-40		36#		1776.4'		12.25"		CLASS G 375 SX 15.6#			
4.5" J-55		11.6#		9679.999'		7.875"		LEAD- SCAVENGER 20 SX 8.44 YL			
								168.8 CF 30.1 BBL, LTWT PLII 340			
								3.38 YLD 11# 1149.2 CF 204.7 BBL			
								50/50 POZ MIX 2260 SX 1.31 YLD 1			
								2960.6 CF 527.3 BBL			
29. LINER RECORD										30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)				
					2.375"	8601'					
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL		SIZE		NUMBER		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
9504-9634				44		9504-9634		126,100# 20/40 OTTOWA SD W/ YF118ST+			
8978-9176				86		8978-9176		200,000# SD, 1950 BBLS CLEAN			
8672-8824				60		8672-8824		150,500# SD, 1478 BBLS CLEAN FLU			
7956-8166				84		7956-8166		255,000# SD, 2355 CLEAN FLU			
7351-7763				122		7351-7763		232,000# SD, 2196 BBLS CLEAN FLU			
6988-6995				28		6988-6995		110,000# SD, 1037 BBLS CLEAN FLU			
5954-5960				24		5954-5960		60,000# SD, 640 BBLS CLEAN FLU			
5430-5449				60		5430-5449					
33.* PRODUCTION											
DATE FIRST PRODUCTION 12/14/03		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) FLOWING						WELL STATUS (Producing or shut-in) PRODUCING			
DATE OF TEST 12/15/03	HOURS TESTED 24	CHOKE SIZE 30/64"	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 0	GAS--MCF. 1089	WATER--BBL. 360	GAS-OIL RATIO RECEIVED				
FLOW. TUBING PRESS 187#	CASING PRESSURE 844#	CALCULATED 24-HOUR RATE ----->	OIL-BBL. 0	GAS--MCF. 1089	WATER--BBL. 360	OIL GRAVITY-API (CORR.) JAN 12 2004					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD										TEST WITNESSED BY DIV. OF OIL, GAS & MINING	
35. LIST OF ATTACHMENTS											

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED DEBRA DOMENICI

Debra Domenici

TITLE SR ADMINISTRATIVE ASSISTANT

DATE 1/7/2004

See Spaces for Addition Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.				38. GEOLOGIC MARKERS		
Formation	Top	Bottom	Description, contents, etc.	Name	Meas. Depth	Top True Vert. Depth
GREEN RIVER	1217	4386				
WASATCH	4386	7326				
MESAVERDE	7326	9486				
SEGO	9486	9619				
BUCK TONGUE	9619	9627				
CASTLEGATE	9627					

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-10755

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

NATURAL BUTTES UNIT

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER _____

8. WELL NAME and NUMBER:

NBU 1021-16G

2. NAME OF OPERATOR:

WESTPORT OIL & GAS COMPANY L.P.

9. API NUMBER:

4304735111

3. ADDRESS OF OPERATOR:

1368 S. 1200 E.

CITY

VERNAL

STATE

UT

ZIP

84078

PHONE NUMBER:

(435) 781-7024

10. FIELD AND POOL, OR WILDCAT:

LOVE

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2565'FNL & 2470'FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 16 10S 21E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

TYPE OF ACTION

☒ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

7/11/05: PMP 2 DRUMS OF 32% ACID & 10 BBLS 2% KCL DN TBG.

RECEIVED

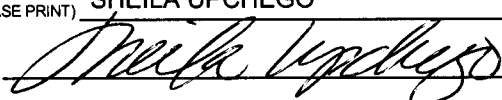
AUG 16 2005

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE



DATE

8/9/2005

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-10755
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
PHONE NUMBER: (435) 781-7024		8. WELL NAME and NUMBER: NBU 1021-16G
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2565'FNL & 2470'FEL		9. API NUMBER: 4304735111
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 16 10S 21E 22E		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MAINTENANCE
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

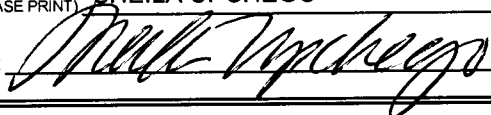
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

08/26/05 PROG: ROAD RIG TO LOC SPOT EQUIP. RU BLOW WL DN. KILL WL W/40 BBL 2% KCL. ND TREE, NU BOP. RU FLOOR, UNLAND TBG, TALLY & PU TBG. TAG @ 8700'. SDFN.

08/29/05 PROG: SPOT 15% HCL @ 8700' POOH TBG LOOK GOOD. PU MILL. RIH TAG @ 8685' RIG UP DRLG EQUIP. DRL OUT SCALE TO 8734' HARD SCALE PULL UP TO 8610', SDFWE.

08/30/05 PROG: PU SWIVEL TAG SCALE @ 8735' DRL TO 8750' OUT OF SCALE. RIH, TAG FILL @ 9250'. DID NOT CLEAN OUT TO SEGO PERFS, POOH LD 84 JTS TBG PITTED BAD IN COLLAR & INSIDE TBG. LD MILL. RIH, BROACH TBG LAND ON WL W/228 JTS 2-3/8 J-55 TBG EOT 7513' ND BOP, NU TREE.
TBG DETAIL

KB	15.00
HANGER	1.00
228 JTS 2-3/8 TBG	7496.73
F-NIPPLE	1.08
EOT	7513.81

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE 	DATE 10/27/2005

(This space for State use only)

RECEIVED

NOV 02 2005

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

CA No.		Unit:		NATURAL BUTTES UNIT			
WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203
BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1634

Mr. Andy Lytle
Kerr-McGee Oil and Gas Onshore
1099 18TH Street
Denver, CO 80202

43 047 35111
NBU 1021-166
16 105 21E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Lytle:

As of April 2014, Kerr-McGee Oil and Gas Onshore (Kerr-McGee) has nineteen (19) State Lease Wells and one (1) Fee Lease Well (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Thirteen (13) wells were added to Kerr-McGee's SI/TA list in 2014.

Seven (7) of these wells (attachment A) have previously been issued notices of non-compliance and have remained in non-compliance. Three (3) of these wells (attachment A) have been shut-in beyond five (5) years and are cause for concern due to unknown status of well integrity. The Division acknowledges that Kerr-McGee has plans to plug two (2) of the wells listed (attachment A) and has approved plugging procedures.

Kerr-McGee shall submit plans for each well stating which wells will be plugged with accompanying procedures, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.



Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

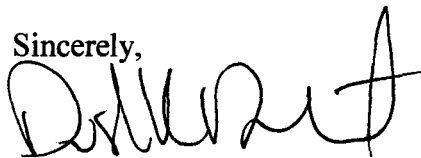
Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notice
1	BONANZA 1023-16J	43-047-37092	ML-22186-A	7 years 1 month	2 ND NOTICE
2	NBU 921-34L	43-047-36388	STUO-1194-A	5 years	2 ND NOTICE
3	CIGE 79D	43-047-30896	ML-23612	4 years 4 months	2 ND NOTICE
4	NBU 921-33J (will PA 6/2/14)	43-047-36394	STUO-015630	5 years 2 months	2 ND NOTICE
5	CIGE 3-32-9-22	43-047-30320	ML-22649	3 years 11 months	1 ST NOTICE
6	NBU 31-12B	43-047-30385	ML-01197-A	2 years 10 months	1 ST NOTICE
7	NBU 69N2	43-047-31090	U-01194-ST	3 years 3 months	1 ST NOTICE
8	BONANZA 1023-20	43-047-35662	ML-47062	1 year 1 month	
9	CIGE 140	43-047-31977	ML-10755	1 year	
10	CIGE 224	43-047-32883	ML-2252	1 year	
11	CIGE 239	43-047-33206	ML-22582	1 year 6 months	
12	CIGE 284	43-047-34792	ML-23612	1 year 2 months	
13	CIGE 5	43-047-30335	U01207A-ST	1 year 3 months	
14	HALL ET AL 31 18	43-047-30664	FEE	1 year 1 month	
15	MORGAN STATE 13-36	43-047-32817	ML-22265	1 year 11 months	
→ 16	NBU 1021-16G	43-047-35111	ML-10755	1 year 4 months	
17	NBU 562-19E (will PA 5/23/14)	43-047-37536	ML-22792	1 year	
18	STATE 1022-32I	43-047-35648	ML-22798	1 year 2 months	
19	TRIBAL 31-60	43-047-33340	ML-28048	1 year 2 months	
20	WONSITS ST 2-32	43-047-32819	ML-47780	1 year	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-10755
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1021-16G
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2565 FNL 2470 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 16 Township: 10.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047351110000
PHONE NUMBER: 720 929-6100		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/22/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE NBU 1021-16G WAS RETURNED TO PRODUCTION ON 10/16/2014. THANK YOU.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 22, 2014		
NAME (PLEASE PRINT) Kay E. Kelly	PHONE NUMBER 720 929 6582	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 10/22/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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PHONE NUMBER: 720 929-6100		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH


11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/6/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 KERR-MCGEE OIL & GAS ONSHORE, L.P. IS REQUESTING TO
 PLUG AND ABANDON THE SUBJECT WELL. SEE ATTACHED
 PROCEDURES.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: October 30, 2014

By: 

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 10/3/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047351110000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Amend Plug #1: CIBP shall be placed within 50' of perfs. RIH with CIBP and set @8930' and spot 17sx on top of CIBP as proposed.**
- 3. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.**
 - 4. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 7. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

10/27/2014

Wellbore Diagram

r263

API Well No: 43-047-35111-00-00

Permit No:

Well Name/No: NBU 1021-16G

Company Name: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Location: Sec: 16 T: 10S R: 21E Spot: SWNE

Coordinates: X: 623291 Y: 4422997

Field Name: NATURAL BUTTES

County Name: UINTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	1776	12.25		
SURF	1776	9.625 $\times 4\frac{1}{2}$ "	36	1776 (0.3314)
HOL2	9679	7.875		
PROD	9679	4.5	11.6	9679 (0.0872) 11.459
TI	9172	2.375		

L/Cu

Plug # 7
 INSIDE: $300' / (1.15 \times 0.0872) = 235X$
 OUT: $9\frac{5}{8}" \times 4\frac{1}{2}" 300' / (1.15 \times 0.3314) = 865X$

109 SX
 TOC @ SFC
 V.O.K.

Plug # 6

$(245X \times 1.15 \times 11.459) = 316'$
 TOC @ 1270'
 V.O.K.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	9679	280	UK	20
PROD	9679	280	PC	2260
SURF	1776	0	G	375

Plug # 4

$(175X \times 1.15 \times 11.459) = 224'$
 TOC @ 2670'
 V.O.K.

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
8978	9176			
9504	9634			

Plug # 3

$(175X \times 1.15 \times 11.459) = 224'$
 TOC @ 3170'
 V.O.K.

Formation Information

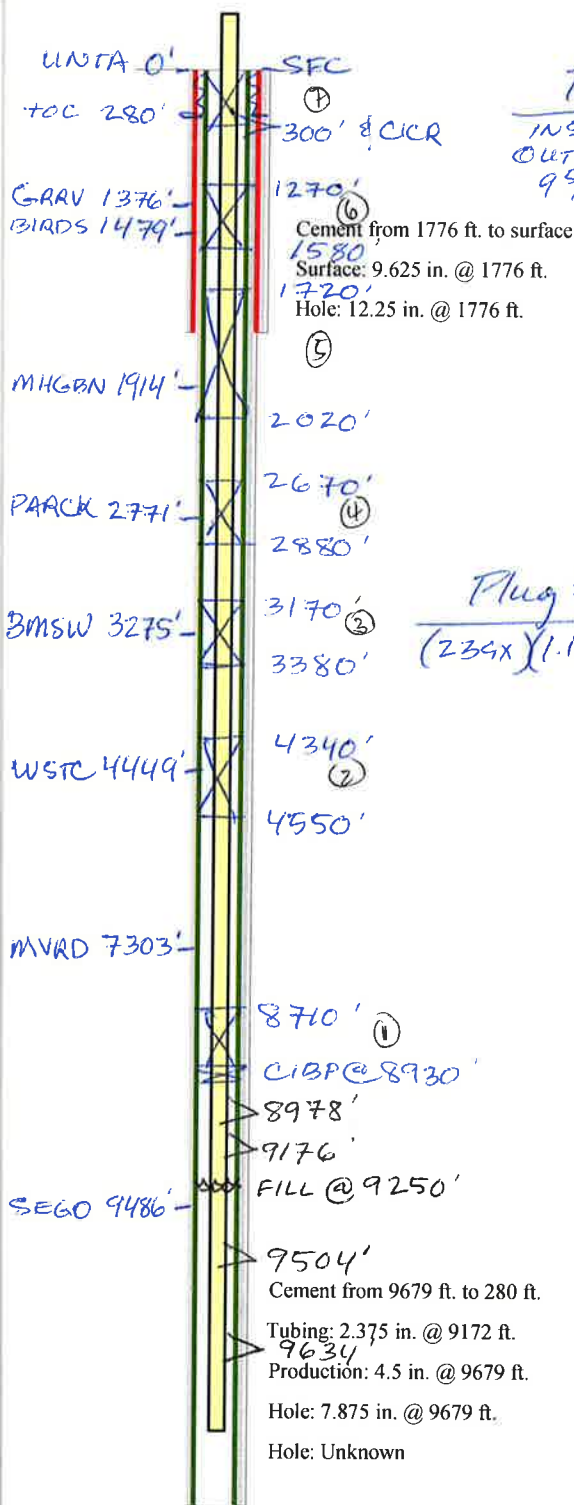
Formation	Depth
UNTA	0
GRRV	1376
MHGBN	1914
PARCK	2771
BMSW	3275
WSTC	4449
MVRD	7303
SEGO	9486

Plug # 2

$(175X \times 1.15 \times 11.459) = 224'$
 TOC @ 4340'
 V.O.K.

* Amend Plug # 1

* move CIBP to 8930'; w/in 50' of perfs
 $(175X \times 1.15 \times 11.459) = 224'$
 TOC @ 8710'



TD: 9685 TVD: 9685 PBD: 9678

NBU 1021-16G
 1603' FNL & 834' FEL
 SWNE SEC. 16, T10S, R22E
 UINTAH COUNTY, UT

KBE: 5186' API NUMBER: 43-047-35111
 GLE: 5171' LEASE NUMBER: ML-3276
 TD: 9685'
 PBTD: 9306' (PLUGGED WITH SCALE, FLOAT COLLAR @ 9679')

CASING : 12.25" hole
 9.625" 36#, H-40 ST&C @ 1777'
 Cemented to surface

 7.875" hole
 4.5", 11.6#, M-80 @ 0-9724'.
 Est. Top of Cement @ 280' (based on Cutters CBL log 11/22/2003)

TUBING: 2 3/8 4.7# J-55 TBG LANDED @ 9172' with 1/4" cap string strapp to tbg. Rods and
 End Of Pump @ 9202'.

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387
4.5" 11.6# M-80	3.875	6350	7780	0.6528	0.0872	0.01554
9.625" 36# H-40 csg	8.845	1400	2270	3.3055	0.4418	0.0787
Annular Capacities						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.01
4.5" csg X 9 5/8" 32.3# csg				2.4780	0.3314	0.0590
4.5" csg X 7.875 borehole				1.704	0.2278	0.0406
9.625" csg X 12 1/4" borehole				2.3428	0.3132	0.0558

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	1376'
Bird's Nest	1479'
Mahogany	1914'
Parachute	2771'
Wasatch	4449'
Mesaverde	7303'

USDW Elevation ~2000' MSL
 USDW Elevation ~3275' KBE

PERFORATIONS:

Formation	Top	Base	Status
MESAVERDE	8978'	9176'	Open
SEGO	9504'	9634'	Plug with Scale

Relevant History:

11/19/2003: Drilling rig rid down. Finish drilling and running CSG.
 12/11/2003: Done completions turn well to production. Landed tbg at 8600'.
 8/29/2005: Workover to clean out from 8685' to 9250'. Did not clean Sego perfs. Land tbg at 7514'
 12/18/2011: Workover clean out well to 9306'. Land tbg @ 9172'. Run 1/4" capillary string strap to tbg. Run rods and bottom hole pump to 9202'.

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCID. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY APPROPRIATE AGENCY 24 HOURS BEFORE MOVING ON LOCATION.
- A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

PROCEDURE

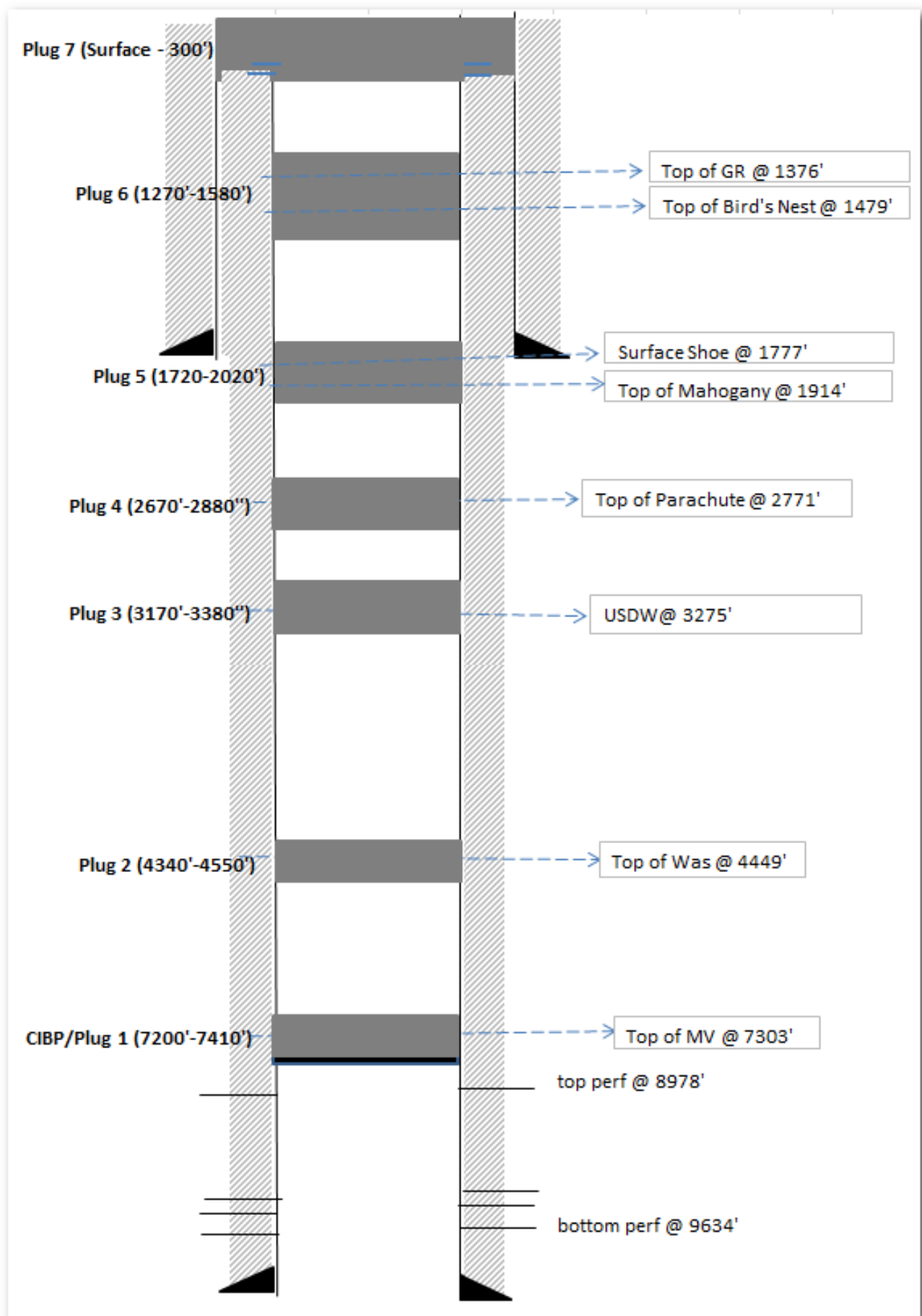
Note: Approx. **136 sx** Class "G" cement needed for procedure & **(1) 4.5" 11.6# CIBP**

Note: No Gyro has been run on this well.

1. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
2. MIRU. PULL RODS AND PUMP. KILL WELL AS NEEDED. ND ROD TREE, NU AND TEST BOPE.
3. POOH W/TBG AND CAP STRING AND L/D THE SAME
4. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. RUN GYRO SURVEY.
5. **PLUG #1, ISOLATE PERFORATIONS (8978'-9634') & TOP OF MESAVERDE (~7303')**RIH W/ 4 1/2" 11.6# CIBP. SET @ ~7420'. RELEASE CIBP, PUH 10', BRK CIRC W/ TREATED FRESH WATER. DISPLACE A MINIMUM OF **18.3 CUFT / 3.4 BBL /~17 SX** ON TOP OF PLUG. PUH ABOVE **TOC (~7200')**. REVERSE CIRCULATE W/ TREATED WATER (~34 BBLS).
6. **PLUG #2, PROTECT WASATCH (4449')**:PUH TO ~4550'. BRK CIRC W/ FRESH WATER. DISPLACE **18.3 CUFT / 3.4 BBL /~17 SX**AND BALANCE PLUG W/ **TOC @ ~4340'**. PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~21 BBLS).
7. **PLUG #3, PROTECT USDW (3275')**:PUH TO ~3380'. BRK CIRC W/ FRESH WATER. DISPLACE **18.3 CUFT / 3.4 BBL /~17 SX**AND BALANCE PLUG W/ **TOC @ ~3170'**. PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~15 BBLS).

8. **PLUG #4, PROTECT TOP OF PARACHUTE (2771');PUH TO ~2880'.** BRK CIRC W/ FRESH WATER. DISPLACE **18.3 CUFT / 3.4 BBL /~17 SX**AND BALANCE PLUG W/ **TOC @ ~2670'**. PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~13 BBLS).
9. **PLUG #5, PROTECT TOP OF MAHOGANY (~1914') AND CEMENT SURFACE CASING SHOE (1777'):** PUH TO **~2020'**. BRK CIRC W/ FRESH WATER. DISPLACE **26.2 CUFT / 4.8 BBL /~23 SX**AND BALANCE PLUG W/ **TOC @ ~1720'**. PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~8 BBLS).
10. **PLUG #6, PROTECT TOP OF BIRDS NEST (~1479') & TOP OF GREEN RIVER (~1376)**PUH TO **~1580'**. BRK CIRC W/ FRESH WATER. DISPLACE **27.1 CUFT / 5 BBL /~24 SX**AND BALANCE PLUG W/ **TOC @ ~1270'**. PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~6 BBLS).
11. **PLUG #7, SURFACE HOLE** POOH. RIH W/ WIRELINE, PERFORATE @ 300'W/ 4 SPF, POOH W/ WIRELINE. POOH. PU AND RIH W 4 ½" CICR. SET @ 300'. RIH W/ TBG & STING INTO CICR & ATTEMPT TO SQUEEZE PERFS W/ APPROXIMATELY **125.6 CUFT / 23 BBL /~110 SX**OR SUFFICIENT VOLUME TO FILL CSG & ANNULUS TO SURFACE.
12. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
13. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

RT 9/11/14



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-10755
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1021-16G
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2565 FNL 2470 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 16 Township: 10.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047351110000
PHONE NUMBER: 720 929-6100		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/16/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE NBU 1021-16G WAS RETURNED TO PRODUCTION ON 10/16/2014. THANK YOU.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 12, 2014		
NAME (PLEASE PRINT) Kay E. Kelly	PHONE NUMBER 720 929 6582	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 11/5/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-10755
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PHONE NUMBER: 720 929-6100		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/7/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>In reference to the UDOGM letter dated 09/04/2014 for Extended Shut-in and Temporarily Abandoned Well Requirements, the NBU 1021-16G has been plugged and abandoned. Please see the attached operations summary report for details. Surface reclamation shall be done in accordance with R649-3-34. Thank you.</p> </div> <div style="width: 30%; text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>November 18, 2014</p> </div> </div>		
NAME (PLEASE PRINT) Kristina Geno	PHONE NUMBER 720 929-6824	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 11/12/2014	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1021-16G				Spud Date: 11/6/2003				
Project: UTAH-UINTAH			Site: NBU 1021-16G				Rig Name No: MILES 2/2	
Event: ABANDONMENT			Start Date: 10/23/2014				End Date: 11/7/2014	
Active Datum: GL @5,170.99usft (above Mean Sea Level)			UWI: NBU 1021-16G					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
11/4/2014	7:00 - 7:15	0.25	ABANDP	48		P		HSM, JSA
	7:15 - 8:30	1.25	ABANDP	30	A	P		MIRU, RU ROD EQUIP, SPOT IN TRAILERS
	8:30 - 14:00	5.50	ABANDP	39	B	P		P/U ON RODS, STUCK PUMP, WORK RODS TILL FREE, TOO H & LD RODS ON TRAILER
	14:00 - 15:00	1.00	ABANDP	30	F	P		ND WH, NU BOP'S, RU FLOOR & TBG EQUIP
	15:00 - 17:00	2.00	ABANDP	31	I	P		MIRU SCAN TECH, TOO H & SCAN 200 JTS TBG, SWI, SDFN
11/5/2014	7:00 - 7:15	0.25	ABANDP	48		P		HSM, JSA
	7:15 - 9:30	2.25	ABANDP	31	I	P		TOOH & SCAN TBG, TBG SCAN SHOWED 249 YELLOW JTS, 14 BLUE JTS & 27 RED JTS, RD SCAN TECH
	9:30 - 12:30	3.00	ABANDP	35	E	P		MIRU MS ENERGY, RUN GYRO SURVEY
	12:30 - 13:30	1.00	ABANDP	34	I	P		MIRU PERFORATORS, RIH & SET CIBP @ 7300', POOH RD PERFORATORS
	13:30 - 16:00	2.50	ABANDP	31	I	P		TIH W/ 227 JTS 2-3/8" TBG, TAG CIBP @ 7300', SWI SDFN
11/6/2014	7:00 - 7:15	0.25	ABANDP	48		P		HSM, JSA
	7:15 - 8:00	0.75	ABANDP	51	D	P		MIRU PRO PETRO, START FRESH WTR, MIX & PUMP 17 SX @ 15.8 PPG ON CIBP (CMT TOP @ 7100')
	8:00 - 10:00	2.00	ABANDP	31	I	P		TOOH & LD 61 JTS ON TRAILER, STAND THE REST BACK IN DERRICK
	10:00 - 12:00	2.00	ABANDP	34	I	P		MIRU PERFORATORS, RIH & SET CIBP @ 5350', FILL CSG W/ T-MAC & PRESSURE TEST TO 1000#, CSG DIDNT HOLD, RD PERFORATORS
	12:00 - 14:00	2.00	ABANDP	31	I	P		TIH W/ TBG TO CIBP @ 5350'
11/7/2014	14:00 - 16:00	2.00	ABANDP	51	D	P		START FRESH WTR, MIX & PUMP 25 SX @ 15.8 PPG ON CIBP, (CMT TOP @ 5050'), TOO H & LD 62 JTS TBG ON TRAILER, EOT @ 3380', START FRESH WTR, MIX & PUMP 20 SX @ 15.8 PPG, BALANCE PLUG TOC @ 3145', RD PRO PETRO, SWI, SDFN
	7:00 - 7:15	0.25	ABANDP	48		P		HSM, JSA

US ROCKIES REGION

Operation Summary Report

Well: NBU 1021-16G

Spud Date: 11/6/2003

Project: UTAH-UINTAH

Site: NBU 1021-16G

Rig Name No: MILES 2/2

Event: ABANDONMENT

Start Date: 10/23/2014

End Date: 11/7/2014

Active Datum: GL @5,170.99usft (above Mean Sea Level)

UWI: NBU 1021-16G

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:15 - 17:00	9.75	ABANDP	51	D	P		<p>TIH W/ TBG & TAG BALANCE PLUG @ 3145', PUH TO 2880', MIRU PRO PETRO, PRESSURE TEST CSG TO 1000#, STILL HAD SLOW LEAK, START FRESH WTR, MIX & PUMP 17 SX @ 15.8PPG, (TOC @ 2670'), PUH TO 2020', START FRESH WTR, MIX & PUMP 23 SX @ 15.8PPG, (TOC @ 1720'), PUH TO 1580', START FRESH WTR, MIX & PUMP 24 SX @ 15.8PPG, (TOC @ 1270'), TOO H & LD TBG, WAIT 2 HRS FOR CEMENT TO HARDEN, MIRU PERFORATORS, RIH & TAG TOP OF BALANCE PLUG @ 1245', PUH & PERF CSG @ 265', COULDENT GET AN INJECTION RATE, RIH & PERF CSG @ 220', COULDENT GET AN INJECTION RATE, TIH W/ 9 JTS TBG TO 304', CEMENT 4-1/2" CSG TO SURFACE W/ 35 SX, TOO H W/ TBG, ND BOP'S, NU WH, RDMO, CUT WELLHEAD OFF, RUN 100' OF 1" DN SURFACE SCG & CEMENT TO SURFACE W/ 40 SX, WELD PLATE ON CSG.</p> <p>LAT 39.94816 LONG 109.55606</p>



October 2, 2014

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple
Ste. 1210
Salt Lake City, UT 84116

RECEIVED
OCT 09 2014
DIV. OF OIL, GAS & MINING

ATTENTION: Dustin Doucet

RE: Extended Shut-in and Temporarily Abandoned Well Requirements for Fee or State Leases- UDOGM letter dated September 4, 2014

Dear Mr. Doucet,

We are in receipt of your letter dated September 4, 2014 regarding the shut-in and temporarily abandoned status of wells operated by Kerr-McGee Oil and Gas Onshore. All required sundry notices have been filed as requested in the letter. Some wells documented in the letter previously had Plug and Abandonment procedures and notice of intent sundry notices submitted. Anadarko intends to Plug and Abandon the applicable wells by the end of the first quarter-2015.

The attached list explains the current well statuses and go forward plans for each well documented in the September 4, 2014 letter.

Should you have any additional questions or concerns, please don't hesitate to contact me direct at (720) 929-6100 or via email at andy.lytle@anadarko.com.

Sincerely,

A handwritten signature in black ink, appearing to be "A. Lytle".

Andy Lytle
Regulatory Supervisor

WELL NAME	API	LEASE	YEARS INACTIVE	PRIOR NOTICE	COMMENTS
BONANZA 1023-16J	4304737092	ML22186A	7 YEARS 1 MONTH	2ND NOTICE	PA NOI Sundry submitted 10/03/2014.
NBU 921-34L	4304736388	STUO1194A	5 YEARS	2ND NOTICE	Sundry submitted 09/16/2014 for the conversion to a monitor well (Not previously reported in 2012) and yearly status for a monitor well.
CIGE 79D	4304730896	ML23612	4 YEARS 4 MONTHS	2ND NOTICE	Sundry submitted 09/16/2014, yearly status for a monitor well.
NBU 921-33J	4304736394	STUO015630	5 YEARS 2 MONTHS	2ND NOTICE	PA Sundry approved 07/09/2014, on rig schedule for week of October 6-2014.
CIGE 3-32-9-22	4304730320	ML22649	3 YEARS 11 MONTHS	1ST NOTICE	PA Sundry approved 08/07/2012, on rig schedule for week of October 6-2014.
NBU 31-12B	4304730385	ML01197A	2 YEARS 10 MONTHS	1ST NOTICE	PA Sundry approved 07/23/2013, on rig schedule for week of October 6-2014.
NBU 69N2	4304731090	U01194ST	3 YEARS 3 MONTHS	1ST NOTICE	PA NOI Sundry submitted 10/03/2014.
BONANZA 1023-20	4304735662	ML47062	1 YEAR 1 MONTH		Return to Production sundry submitted 10/03/2014. Producing since 04/25/2014, production accounting has been reporting production to UDOGM as of April 2014.
CIGE 140	4304731977	ML10755	1 YEAR		PA NOI Sundry submitted 10/02/2014.
CIGE 224	4304732883	ML2252	1 YEAR		PA NOI Sundry submitted 10/01/2014.
CIGE 239	4304733206	ML22582	1 YEAR 6 MONTHS		Return to Production sundry submitted 10/03/2014. Producing since 06/14/2014, production accounting has been reporting production to UDOGM as of June 2014.
CIGE 284	4304734792	ML23612	1 YEAR 2 MONTHS		Return to Production sundry submitted 10/03/2014. Producing since 03/29/2014, production accounting has been reporting production to UDOGM as of March 2014.
CIGE 5	4304730335	U01207AST	1 YEAR 3 MONTHS		Sundry submitted 10/03/2014. This well is currently surface commingled with the NBU 922-31JT-1T meter. The well was mistakenly made in-active, therefore production was not allocating. The well has been made active and is presently allocating. 12/17/2009 a sundry for surface commingling was approved by UDOGM.
HALL ET AL 31 18	4304730664	FEE	1 YEAR 1 MONTH		PA NOI Sundry submitted 09/30/2014.
MORGAN STATE 13-36	4304732817	ML22265	1 YEAR 11 MONTHS		PA NOI Sundry submitted 09/30/2014.
NBU 1021-16G	4304735111	ML10755	1 YEAR 4 MONTHS		PA NOI Sundry submitted 10/03/2014.
NBU 562-19E	4304737536	ML22792	1 YEAR		PA Sundry approved 07/09/2014, on rig schedule for week of October 6-2014.
STATE 1022-32I	4304735648	ML22798	1 YEAR 2 MONTHS		PA NOI Sundry submitted 09/30/2014.
TRIBAL 31-60	4304733340	ML28048	1 YEAR 2 MONTHS		Return to Production sundry submitted 10/03/2014. A new meter installed 09/30/2014, well is currently intermitting.
WONSITS ST 2-32	4304732819	ML47780	1 YEAR		PA NOI Sundry submitted 10/01/2014.